

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTAFJN1617

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 14:18:05 ON 01 AUG 2005
FILE 'CAPLUS' ENTERED AT 14:18:05 ON 01 AUG 2005
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.80	1720.03
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-148.92

=> d his

(FILE 'HOME' ENTERED AT 10:54:06 ON 01 AUG 2005)

FILE 'REGISTRY' ENTERED AT 10:54:19 ON 01 AUG 2005

SET PLUR ON PERM

SET ABBR ON PERM

E ZINC OXIDE/CN

L1 1 S E3
L2 SCREEN 2021
L3 STRUCTURE UPLOADED
L4 QUE L3 AND L2
L5 STRUCTURE UPLOADED
L6 STRUCTURE UPLOADED
L7 50 S L6
L8 6992270 S S>0
L9 153842 S L6 FULL SSS
L10 71173 S L9 AND S>0
SAVE TEMP STRIAZ/A L10

FILE 'CAPLUS' ENTERED AT 12:02:58 ON 01 AUG 2005

E US2004-812127/APPS

L11 1 S E3
SEL RN L11

FILE 'REGISTRY' ENTERED AT 12:05:39 ON 01 AUG 2005

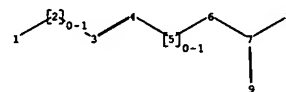
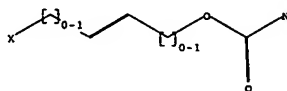
L12 7 S E1-E7
E 1,3,5-TRIAZINE-2,4-DIAMINE, N-(1,1-DIMETHYLETHYL)-N/CN
L13 1 S E25
L14 STRUCTURE UPLOADED
L15 STRUCTURE UPLOADED
L16 STRUCTURE UPLOADED
L17 STRUCTURE UPLOADED
E ZINC PYRITHION/CN
L18 1 S E4

FILE 'CAPLUS' ENTERED AT 12:25:58 ON 01 AUG 2005

FILE 'REGISTRY' ENTERED AT 12:27:37 ON 01 AUG 2005

L19 50 S L14
L20 4216 S L14 FULL SSS

L25.



chain nodes :

1 2 3 4 5 6 7 8 9

chain bonds :

1-2 2-3 3-4 4-5 5-6 6-7 7-8 7-9

exact/norm bonds :

5-6 6-7 7-8 7-9

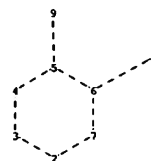
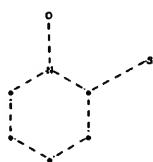
exact bonds :

1-2 2-3 3-4 4-5

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS
9:CLASS

L20



```

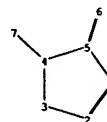
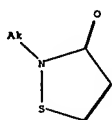
ring nodes :
  2 3 4 5 6 7
ring/chain nodes :
  8 9
ring/chain bonds :
  5-9 6-8
ring bonds :
  2-3 2-7 3-4 4-5 5-6 6-7
exact/norm bonds :
  2-3 2-7 3-4 4-5 5-6 5-9 6-7 6-8
    
```

G1:H,Ak,Cy

Match level :

2:Atom	3:Atom	4:Atom	5:Atom	6:Atom	7:Atom	8:CLASS	9:CLASS
--------	--------	--------	--------	--------	--------	---------	---------

L22



chain nodes :

6 7

ring nodes :

1 2 3 4 5

chain bonds :

4-7 5-6

ring bonds :

1-2 1-5 2-3 3-4 4-5

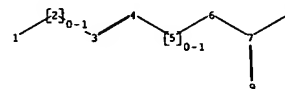
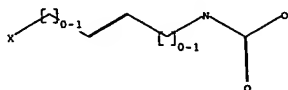
exact/norm bonds :

1-2 1-5 2-3 3-4 4-5 4-7 5-6

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS

L24



chain nodes :

1 2 3 4 5 6 7 8 9

chain bonds :

1-2 2-3 3-4 4-5 5-6 6-7 7-8 7-9

exact/norm bonds :

5-6 6-7 7-8 7-9

exact bonds :

1-2 2-3 3-4 4-5

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS
9:CLASS

L21 50 S L15
 L22 7981 S L15 FULL SSS
 L23 2 S L16
 L24 55 S L16 FULL SSS
 L25 597 S L17 FULL SSS

FILE 'CAPLUS' ENTERED AT 12:32:58 ON 01 AUG 2005

L26 16 S L10 AND L20 AND L1
 L27 2 S L13 AND L18 AND L1
 L28 23 S L22 AND (L24 OR L25) AND L10
 L29 47 S L10 AND L20 AND (L22 OR L24 OR L25)
 L30 14 S L10 AND L20 AND L22 AND (L24 OR L25)

FILE 'REGISTRY' ENTERED AT 13:56:05 ON 01 AUG 2005

SAVE TEMP L20 PYR/A
 SAVE TEMP L22 ISOTHIA/A
 SAVE TEMP L24 CARBAMATE1/A
 SAVE TEMP L25 CARBAMATE2/A
 SAVE TEMP L13 ETTBTTRI/A
 SAVE TEMP L18 ZINCP/A
 SAVE TEMP L1 ZNO/A

FILE 'CAPLUS' ENTERED AT 14:14:36 ON 01 AUG 2005

SAVE TEMP L26 JADL26/A
 SAVE TEMP L27 JADL27/A
 SAVE TEMP L28 JADL28/A
 SAVE TEMP L29 JADL29/A
 SAVE TEMP L30 JADL30/A

=> d 127 1-2 ibib abs total hitstr

L27 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:825128 CAPLUS
 DOCUMENT NUMBER: 141:320092
 TITLE: Microbicidal composition
 INVENTOR(S): Heer, Beat; Tiedtke, Gerhard; Hegarty, Bryan Martin
 PATENT ASSIGNEE(S): Switz.
 SOURCE: U.S. Pat. Appl. Publ., 4 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004198714	A1	20041007	US 2004-812127	20040329
JP 2004307483	A2	20041104	JP 2004-82195	20040322
BR 2004000786	A	20050628	BR 2004-786	20040326
EP 1468607	A2	20041020	EP 2004-251964	20040401
EP 1468607	A3	20041215		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR

CN 1535583 A 20041013 CN 2004-10033349 20040402

PRIORITY APPLN. INFO.: US 2003-460923P P 20030407

AB A microbicidal composition containing: (a) at least one sulfur-containing s-triazine;

and (b) at least one pyrithione metal salt is disclosed.

IT 886-50-0 1314-13-2, Zinc oxide, biological studies
 13463-41-7, Zinc pyrithione

RL: PEP (Physical, engineering or chemical process); PYP (Physical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process);
 USES (Uses)

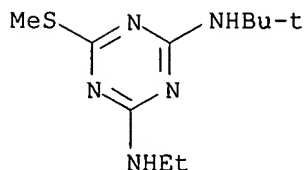
(microbicidal composition containing a S-containing s-triazine and a pyrithione

13463-41-7

RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
BIOL (Biological study); USES (Uses)
(bactericide combinations in detergents)

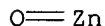
RN 886-50-0 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-(1,1-dimethylethyl)-N'-ethyl-6-(methylthio)-
(9CI) (CA INDEX NAME)



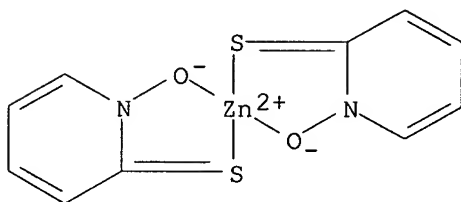
RN 1314-13-2 CAPLUS

CN Zinc oxide (ZnO) (9CI) (CA INDEX NAME)



RN 13463-41-7 CAPLUS

CN Zinc, bis[1-(hydroxy-κO)-2(1H)-pyridinethionato-κS2]-, (T-4)-
(9CI) (CA INDEX NAME)



=> d 128 1-23 ibib abs total hitstr

L28 ANSWER 1 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:471844 CAPLUS

DOCUMENT NUMBER: 143:28318

TITLE: Micronized wood preservative formulations

INVENTOR(S): Leach, Robert M.; Zhang, Jun

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 21 pp., Cont.-in-part of U.S.
Ser. No. 821,326.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005118280	A1	20050602	US 2004-970446	20041021
US 2004258767	A1	20041223	US 2004-821326	20040409
PRIORITY APPLN. INFO.:			US 2003-461547P	P 20030409
			US 2003-518994P	P 20031111
			US 2004-821326	A2 20040409
			US 2004-568485P	P 20040506

AB The wood preservative compns. comprising micronized particles. The composition

comprises dispersions of micronized metal or metal compds. The wood preservative composition comprises an inorg. component comprising a metal or metal compound and organic biocide. When the composition comprises an inorg. component and an organic biocide, the inorg. component or the organic biocide

or

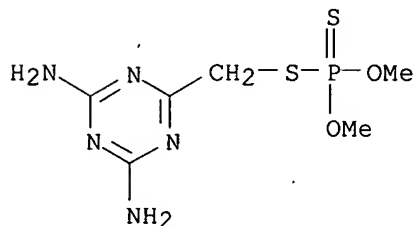
both are present as micronized particles. When used for preservation of wood, the micronized particles can be observed as uniformly distributed within the wood and there is minimal leaching of the metal and biocide from the wood.

IT 78-57-9, Menazon 2682-20-4 26172-55-4
26530-20-1 55406-53-6 55965-84-9, Kathon WT
64359-81-5

RL: BUU (Biological use, unclassified); TEM (Technical or engineered material use); BIOL (Biological study); USES (Uses)
(micronized wood preservative formulations comprising inorg. metal compds. and organic biocides)

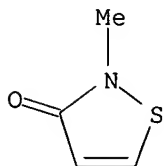
RN 78-57-9 CAPLUS

CN Phosphorodithioic acid, S-[(4,6-diamino-1,3,5-triazin-2-yl)methyl]
O,O-dimethyl ester (9CI) (CA INDEX NAME)



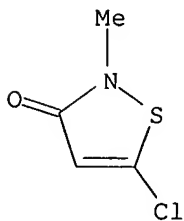
RN 2682-20-4 CAPLUS

CN 3(2H)-Isothiazolone, 2-methyl- (9CI) (CA INDEX NAME)



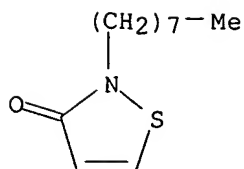
RN 26172-55-4 CAPLUS

CN 3(2H)-Isothiazolone, 5-chloro-2-methyl- (9CI) (CA INDEX NAME)

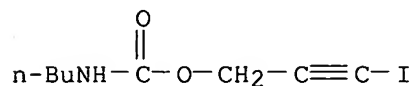


RN 26530-20-1 CAPLUS

CN 3(2H)-Isothiazolone, 2-octyl- (9CI) (CA INDEX NAME)



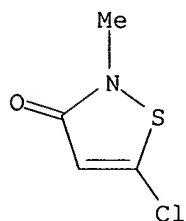
RN 55406-53-6 CAPLUS
 CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



RN 55965-84-9 CAPLUS
 CN 3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (9CI) (CA INDEX NAME)

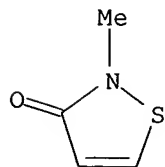
CM 1

CRN 26172-55-4
 CMF C4 H4 Cl N O S

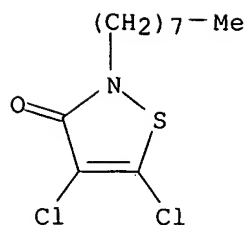


CM 2

CRN 2682-20-4
 CMF C4 H5 N O S



RN 64359-81-5 CAPLUS
 CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)



L28 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2005:423700 CAPLUS
 DOCUMENT NUMBER: 142:443305
 TITLE: Copper salt of N'-hydroxy-N-cyclohexyldiazenium oxide as industrial bactericide, fungicide and algicide
 INVENTOR(S): Goettsche, Reimer; Huff, Juergen; Qureshi, Shoaib; Hodgkinson, Darren; Nicklin, Craig; Hettler, Wendelin; Roper, David Vincent
 PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany; Goettsche, Helga
 SOURCE: PCT Int. Appl., 21 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

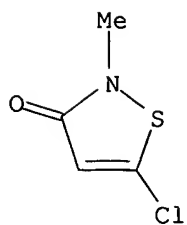
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005044010	A1	20050519	WO 2004-EP11024	20041002
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: GB 2003-26284 A 20031111
 AB Copper salt of N'-hydroxy-N-cyclohexyldiazenium oxide (CuHDO) and a diluent is useful for combating and/or killing bacteria, mold, yeast and algae in industrial materials and or industrial processes. In a preferred embodiment CuHDO is generated in-situ from a water-soluble salt of N'-hydroxy-N-cyclohexyldiazenium oxide and a Cu salt. Compns. may addnl. include at least one biocide.
 IT 851332-39-3 851332-45-1 851332-48-4
 851332-71-3 851333-01-2
 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
 (industrial bactericide, fungicide and algicide)
 RN 851332-39-3 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

CM 1

CRN 26172-55-4

CMF C4 H4 Cl N O S

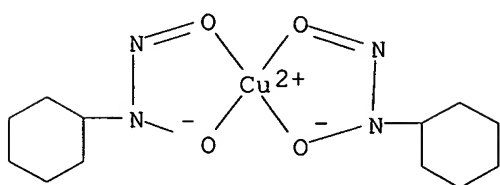


CM 2

CRN 15627-09-5

CMF C12 H22 Cu N4 O4

CCI CCS



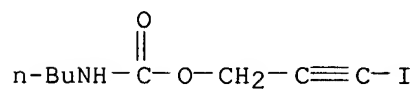
RN 851332-45-1 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

CM 1

CRN 55406-53-6

CMF C8 H12 I N O2

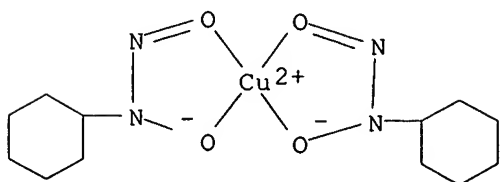


CM 2

CRN 15627-09-5

CMF C12 H22 Cu N4 O4

CCI CCS



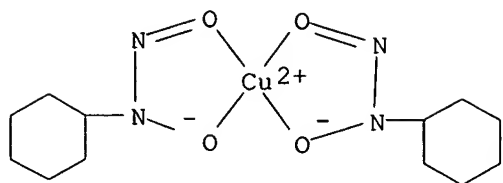
RN 851332-48-4 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

CM 1

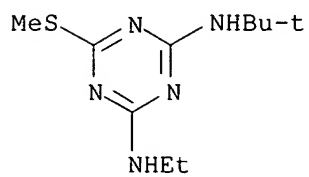
CRN 15627-09-5

CMF C12 H22 Cu N4 O4
CCI CCS



CM 2

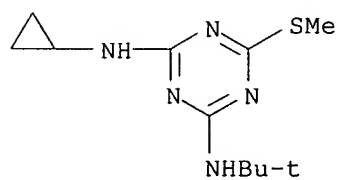
CRN 886-50-0
CMF C10 H19 N5 S



RN 851332-71-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

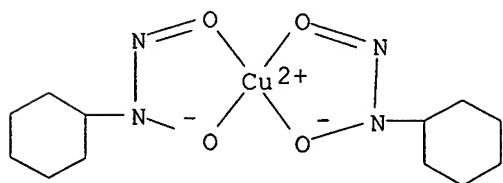
CM 1

CRN 28159-98-0
CMF C11 H19 N5 S



CM 2

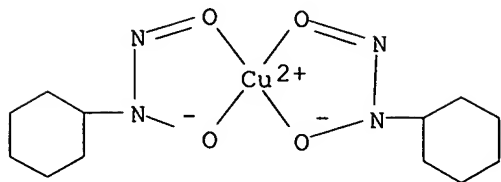
CRN 15627-09-5
CMF C12 H22 Cu N4 O4
CCI CCS



RN 851333-01-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

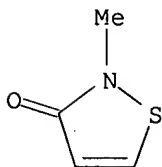
CM 1

CRN 15627-09-5
CMF C12 H22 Cu N4 O4
CCI CCS



CM 2

CRN 2682-20-4
CMF C4 H5 N O S



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L28 ANSWER 3 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:363758 CAPLUS

DOCUMENT NUMBER: 143:102583

TITLE: Monitoring of antifouling booster biocides in water and sediment from the port of Osaka, Japan

AUTHOR(S): Harino, Hiroya; Mori, Yoshiaki; Yamaguchi, Yoshitaka; Shibata, Kiyoshi; Senda, Tetsuya

CORPORATE SOURCE: Osaka City Institute of Public Health and Environmental Sciences, Osaka, 543-0026, Japan

SOURCE: Archives of Environmental Contamination and Toxicology (2005), 48(3), 303-310

CODEN: AECTCV; ISSN: 0090-4341

PUBLISHER: Springer Science+Business Media, Inc.

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Concns. of booster antifouling compds. in the port of Osaka, Japan, were assessed. Concns. of Sea-Nine 211 (4,5-dichloro-2-n-octyl-3-isothiazolone), thiabendazole (2-(4-thiazolyl)-benzimidazole), IPBC (3-iodo-2-propynyl butylcarbamate), Diuron (3,4-dichlorophenyl-N, N-dimethylurea), Irgarol 1051 (2-methylthio-4-tert-butylamino-6-cyclopropylamino-s-triazine), and M1 (2-methylthio-4-tert-butylamino-6-amino-s-triazine) in port water samples were <0.003-0.004, <0.0008-0.020, <0.0007-1.54, <0.0008-0.267, and <0.0019-0.167 µg/L, resp. IPBC was not detected in the water samples, but the concentration of Diuron was higher than any previously reported. The concns. of Sea-Nine 211, thiabendazole, Diuron, Irgarol 1051, and M1 in sediment samples were <0.04-2.4, <0.08-1.2, <0.64-1350, <0.08-8.2, and <0.18-2.9 µg/Kg dry, resp. IPBC was again not detected. The levels of Sea-Nine 211, Diuron, and Irgarol 1051 in water and sediment samples were high in a poorly flushed mooring area for small and medium-hull vessels. Levels of Diuron and Irgarol 1051 were highest in summer. The concentration of Sea-Nine 211 in water increased

between August and Oct. 2002. Except for M1, increases in the levels of booster biocides in sediment were observed during the study period. The sediment-water partition (K_d) was calculated by dividing the concns. in sediment by the concns. in water. The K_d values for Sea-Nine 211, thiabendazole, Diuron, Irgarol 1051, and M1 were 690, 180, 2700, 300, and 870. The K_d value for these alternative compds. was lower than for TBT.

IT 28159-98-0, Irgarol 1051 55406-53-6, IPBC

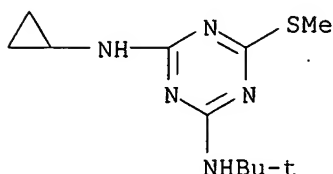
64359-81-5, Sea-Nine 211

RL: POL (Pollutant); OCCU (Occurrence)

(monitoring antifouling booster biocides in water and sediment from Port Osaka, Japan)

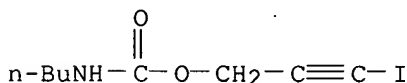
RN 28159-98-0 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)- (9CI) (CA INDEX NAME)



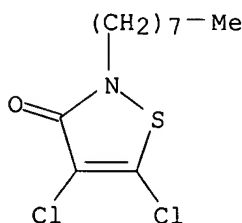
RN 55406-53-6 CAPLUS

CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



RN 64359-81-5 CAPLUS

CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L28 ANSWER 4 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:825132 CAPLUS

DOCUMENT NUMBER: 141:320093

TITLE: Microbicidal composition

INVENTOR(S): Heer, Beat; Tiedtke, Gerhard; Hegarty, Bryan Martin

PATENT ASSIGNEE(S): Switz.

SOURCE: U.S. Pat. Appl. Publ., 4 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----

US 2004198729	A1	20041007	US 2004-812040	20040329
JP 2004307482	A2	20041104	JP 2004-82174	20040322
BR 2004000788	A	20050628	BR 2004-788	20040326
EP 1468608	A2	20041020	EP 2004-251954	20040401
EP 1468608	A3	20041208		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR

CN 1535582	A	20041013	CN 2004-10033348	20040402
------------	---	----------	------------------	----------

PRIORITY APPLN. INFO.:

US 2003-460948P	P	20030407
-----------------	---	----------

OTHER SOURCE(S): MARPAT 141:320093

AB A microbicial composition containing: (a) at least one 2-alkyl-4-isothiazolin-3-

one; (b) at least one halopropynyl carbamate; and (c) at least one sulfur-containing s-triazine.

IT 886-50-0 26530-20-1 28159-98-0

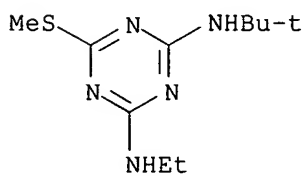
55406-53-6 64359-81-5 129348-50-1

RL: PEP (Physical, engineering or chemical process); PYP (Physical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)

(microbicial composition containing an alkylisothiazolinone, a halopropynyl carbamate, and a sulfur-containing s-triazine)

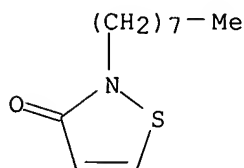
RN 886-50-0 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-(1,1-dimethylethyl)-N'-ethyl-6-(methylthio)-(9CI) (CA INDEX NAME)



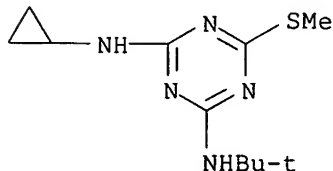
RN 26530-20-1 CAPLUS

CN 3(2H)-Isothiazolone, 2-octyl- (9CI) (CA INDEX NAME)



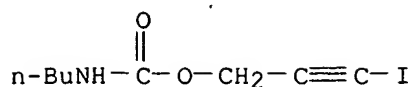
RN 28159-98-0 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)- (9CI) (CA INDEX NAME)

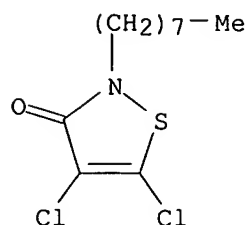


RN 55406-53-6 CAPLUS

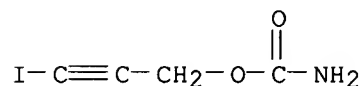
CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



RN 64359-81-5 CAPLUS
 CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)



RN 129348-50-1 CAPLUS
 CN 2-Propyn-1-ol, 3-iodo-, carbamate (9CI) (CA INDEX NAME)



L28 ANSWER 5 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2004:825127 CAPLUS
 DOCUMENT NUMBER: 141:320091
 TITLE: Microbicidal composition
 INVENTOR(S): Heer, Beat; Tiedtke, Gerhard; Hegarty, Bryan Martin
 PATENT ASSIGNEE(S): Switz.
 SOURCE: U.S. Pat. Appl. Publ., 4 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004198713	A1	20041007	US 2004-811518	20040329
JP 2004315507	A2	20041111	JP 2004-82164	20040322
BR 2004000787	A	20050628	BR 2004-787	20040326
EP 1466526	A2	20041013	EP 2004-251945	20040401
EP 1466526	A3	20041124		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
CN 1535581	A	20041013	CN 2004-10033347	20040402
PRIORITY APPLN. INFO.:			US 2003-460925P	P 20030407

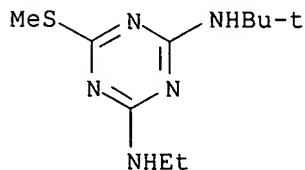
OTHER SOURCE(S): MARPAT 141:320091
 AB A microbicidal composition containing (a) at least one sulfur-containing s-triazine,
 (b) at least one pyrithione metal salt, and (c) at least one addnl. microbicide selected from 2-alkyl-4-isothiazolin-3-ones and halopropynyl carbamates is disclosed.
 IT 886-50-0 26530-20-1 28159-98-0
 64359-81-5 129348-50-1
 RL: PEP (Physical, engineering or chemical process); PYP (Physical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)

(microbicidal composition containing an s-triazine, a pyrrithione metal salt, and

an alkylisothiazolinone or halopropynyl carbamate)

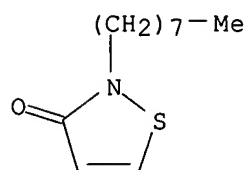
RN 886-50-0 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-(1,1-dimethylethyl)-N'-ethyl-6-(methylthio)-
(9CI) (CA INDEX NAME)



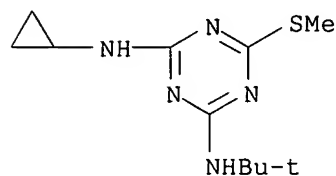
RN 26530-20-1 CAPLUS

CN 3(2H)-Isothiazolone, 2-octyl- (9CI) (CA INDEX NAME)



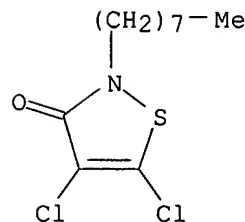
RN 28159-98-0 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)- (9CI) (CA INDEX NAME)



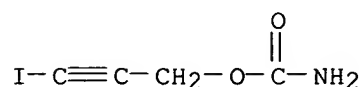
RN 64359-81-5 CAPLUS

CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)



RN 129348-50-1 CAPLUS

CN 2-Propyn-1-ol, 3-iodo-, carbamate (9CI) (CA INDEX NAME)



L28 ANSWER 6 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:371017 CAPLUS

DOCUMENT NUMBER: 140:359036

TITLE: Antifouling coating composition, antifouling coating films, and ships, underwater structures, fishing gear and fishing nets covered therewith

INVENTOR(S): Okimoto, Hiroyuki; Mukunoki, Yasuo; Ashida, Toshihiko; Ono, Masashi

PATENT ASSIGNEE(S): Chugoku Marine Paints, Ltd., Japan

SOURCE: PCT Int. Appl., 71 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
WO 2004037932	A1	20040506	WO 2002-JP13244	20021218
W: CN, IN, JP, KR, NO, SG, US				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR				
EP 1457531	A1	20040915	EP 2002-790807	20021218
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR, BG, CZ, EE, SK				
US 2005065232	A1	20050324	US 2004-498821	20040623
PRIORITY APPLN. INFO.:			JP 2002-308820	A 20021023
			WO 2002-JP13244	W 20021218

AB The present invention relates to an antifouling coating composition substantially free from cuprous oxide and organotin containing (A) a metal-containing copolymer obtained by copolymerizing a metal-containing polymerizable unsaturated monomer with a metal-free radical-polymerizable unsaturated monomer, (B) 4,5-dichloro-2-n-octyl-4-isothiazolin-3-one, and (C) a metal pyridithione compound. The invention provides (i) an antifouling coating composition which is reduced in load on the environment and is excellent in antifouling properties, uniformity of coating film depletion, and long-term retention of antifouling properties of the coating film, (ii) antifouling coating films, and (iii) ships, underwater structures, fishing gear and fishing nets, covered with the films. Thus, 44.8% a monomer mixture solution comprising zinc salt of methacrylic acid and acrylic acid 52, Me methacrylate 1, Et acrylate 70.2, and 2-methoxyethyl acrylate 5.4 were polymerized to give a 45.6% copolymer solution, 45 parts of which was mixed

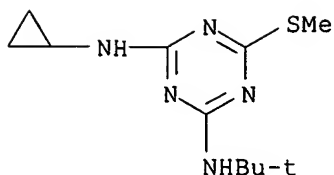
with zinc oxide 10, TTK Talc 17, red iron oxide 2, R 5N titanium white 4, AF-Z 2-pyridinethiol-1-oxide zinc salt 3, 30% Sea-Nine 211 4,5-dichloro-2-n-octylisothiazolin-3-one solution 10, Disparlon 4200-10 2, Disparlon A 603-20X 3, xylene 2, and propylene glycol monomethyl ether 2 parts, applied on an anticorrosion coat-treated sand blasting steel plate, and dried to give a test piece with good antifouling to sea water, adhesion, and uniform coating depletion.

IT 28159-98-0, Irgarol 1051 55406-53-6, Troysan Polyphase P 100 64359-81-5, Sea-Nine 211

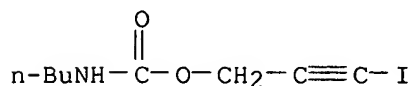
RL: MOA (Modifier or additive use); USES (Uses)
(antifouling coating compns. for antifouling coating films, ships, underwater structures, fishing gears, and fishing nets)

RN 28159-98-0 CAPLUS

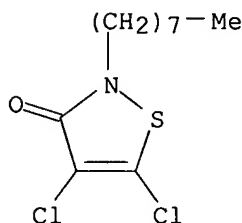
CN 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)- (9CI) (CA INDEX NAME)



RN 55406-53-6 CAPLUS
 CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



RN 64359-81-5 CAPLUS
 CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)



L28 ANSWER 7 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2004:2967 CAPLUS
 DOCUMENT NUMBER: 140:61138
 TITLE: Coating materials with biocide-containing microcapsules
 INVENTOR(S): Baum, Ruediger; Antoni-Zimmermann, Dagmar; Wunder, Thomas; Schmidt, Hans-Juergen
 PATENT ASSIGNEE(S): Thor Gmbh, Germany
 SOURCE: PCT Int. Appl., 29 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

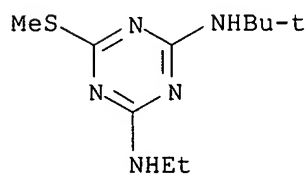
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004000953	A1	20031231	WO 2002-EP6806	20020619
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1519995	A1	20050406	EP 2002-762295	20020619
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
US 2004234603	A1	20041125	US 2004-489842	20040315

AB A coating material for protection against microorganism growth on surfaces exposed to moisture or water has a pH value of at least 11.0 or is provided with a base material having a pH value of at least 11.0, the coating material containing a biocide bonded to solid particles in a carrier material and released in a delayed manner. The coating material can be a plaster having a silicate, mineral or polymer resin binder, or a primer based on a silicate or polymer resin binder. The biocide can be encapsulated into formaldehyde-melamine resin or bonded to solid particles of porous ceramic materials or zeolites. Thus, a plaster having pH 11.5 was produced, the plaster comprising Bu acrylate-styrene copolymer (Acronal 290D), calcium carbonate (Omyacarb 40GU, Omyacarb 130GU) and an Al-Mg silicate (Plastorit 05) as binder major components, as well as formaldehyde-melamine resin-encapsulated zinc 2-pyridinethiol-1-oxide biocide. The biocide content in the plaster decreased from 531 ppm to 21 ppm upon exposure to water for 10 days, a plaster containing unencapsulated zinc 2-pyridinethiol-1-oxide had the biocide content decreased from 568 ppm to 2 ppm in 2 days.

IT 886-50-0 26530-20-1, 2-n-Octylisothiazolin-3-one
 55406-53-6, Acticide IPW 50 64359-81-5,
 4,5-Dichloro-2-octylisothiazolin-3-one
 RL: MOA (Modifier or additive use); USES (Uses)
 (coating materials with biocide-containing microcapsules)

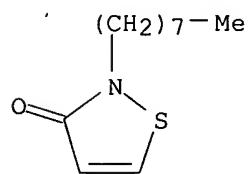
RN 886-50-0 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-(1,1-dimethylethyl)-N'-ethyl-6-(methylthio)-
 (9CI) (CA INDEX NAME)



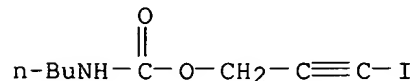
RN 26530-20-1 CAPLUS

CN 3(2H)-Isothiazolone, 2-octyl- (9CI) (CA INDEX NAME)



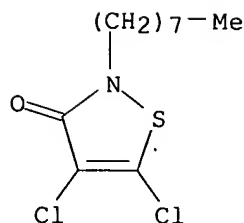
RN 55406-53-6 CAPLUS

CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



RN 64359-81-5 CAPLUS

CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L28 ANSWER 8 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:717717 CAPLUS

DOCUMENT NUMBER: 139:232032

TITLE: Method and systems for exterior insulation of a structure

INVENTOR(S): Calvo, Luis; Khan, Samsodeen; Pergament, Glenn; Noskin, Steve

PATENT ASSIGNEE(S): Vitricon, Inc., USA

SOURCE: U.S. Pat. Appl. Publ., 10 pp.

CODEN: USXXCO

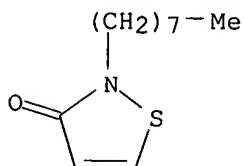
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003171047	A1	20030911	US 2003-382272	20030305
PRIORITY APPLN. INFO.:			US 2002-362109P	P 20020305
AB An insulation coating system for insulating a structure comprises 3-layer flexible moisture barrier coatings, (1) a first coating comprising an elastomeric acrylic resin and an antimicrobial, (2) a second coating comprising an acrylic resin, a cement and fibers, and (3) a third coating comprising an elastomeric acrylic resin, a H2O repellent, an aggregate and an antimicrobial. The coatings adhere to the structure with an insubstantial amount of interfacial voids, and prevent a substantial amount of moisture from contacting the surface of the substrate.				
IT 26530-20-1, Skane M-8 186591-92-4, Polyphase 600				
RL: MOA (Modifier or additive use); USES (Uses)				
(antimicrobial; in breathable three layer antimicrobial elastomeric acrylic resin/reinforced acrylic resin/water repellent containing elastomeric acrylic resin system for building material structure)				
RN 26530-20-1 CAPLUS				
CN 3(2H)-Isothiazolone, 2-octyl- (9CI) (CA INDEX NAME)				

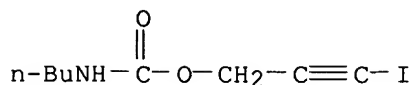


RN 186591-92-4 CAPLUS

CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester, mixt. with N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)-1,3,5-triazine-2,4-diamine (9CI) (CA INDEX NAME)

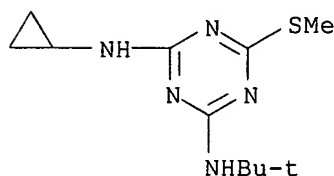
CM 1

CRN 55406-53-6
CMF C8 H12 I N O2



CM 2

CRN 28159-98-0
CMF C11 H19 N5 S



L28 ANSWER 9 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:628053 CAPLUS
DOCUMENT NUMBER: 139:151137
TITLE: Bactericidal and antifouling coating containing
poly(hexamethyleneguanidine) for structure on grounds
INVENTOR(S): Someya, Norihisa; Tsudome, Takayuki; Kim, Jin-man;
Che, Ki-sung
PATENT ASSIGNEE(S): Daiwa Chemical Industries Co., Ltd., Japan; Sk
Chemical Ltd.
SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

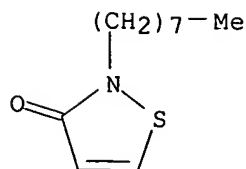
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003226846	A2	20030815	JP 2002-64492	20020204

PRIORITY APPLN. INFO.: JP 2002-64492 20020204

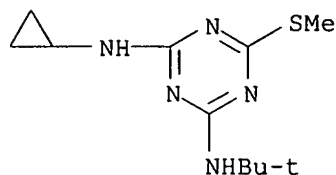
AB The coating, used for building walls, kitchen walls, etc., contains poly(hexamethyleneguanidine) phosphate (I). Alternatively, the coating contains poly(hexamethyleneguanidine) salts with inorg. acids, e.g., HCl, H2SO4, HNO3, etc., or organic acids, e.g., carboxylic acids, etc. Thus, a mixture of I 8.0, an acrylic resin emulsion 40.0, and water 52.0 parts was applied on a wood test piece, which was subjected to accelerated weathering test for 500 h to show retention of adhesive strength and no discoloration on the surface.

IT 26530-20-1, 2-Octyl-4-isothiazolin-3-one 28159-98-0
55406-53-6, 3-Iodo-2-propynylbutyl carbamate 64359-81-5,
4,5-Dichloro-2-octyl-4-isothiazolin-3-one
RL: MOA (Modifier or additive use); USES (Uses)
(in bactericidal antifouling coating containing
poly(hexamethyleneguanidine) salt for structure on grounds)

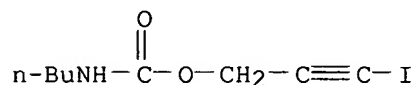
RN 26530-20-1 CAPLUS
CN 3(2H)-Isothiazolone, 2-octyl- (9CI) (CA INDEX NAME)



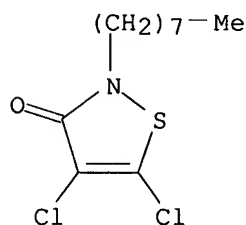
RN 28159-98-0 CAPLUS
 CN 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)- (9CI) (CA INDEX NAME)



RN 55406-53-6 CAPLUS
 CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



RN 64359-81-5 CAPLUS
 CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)



L28 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2003:628052 CAPLUS
 DOCUMENT NUMBER: 139:151136
 TITLE: Antifouling coating containing poly(hexamethyleneguanidine) salt
 INVENTOR(S): Someya, Norio; Tsuru, Takayuki; Kim, Jin-man; Che, Ki-sun
 PATENT ASSIGNEE(S): Daiwa Chemical Industries Co., Ltd., Japan; Sk Chemical Ltd.
 SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003226845	A2	20030815	JP 2002-64491	20020204

PRIORITY APPLN. INFO.:

JP 2002-64491

20020204

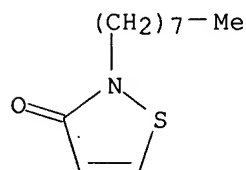
AB The marine antifouling coating, which is used for fish nets, ship, and marine structures, contains poly(hexamethyleneguanidine) phosphate (I). Alternatively, the antifouling coating contains poly(hexamethyleneguanidine) salts with inorg. acids, e.g., HCl, H₂SO₄, HNO₃, etc., or organic acids, e.g., carboxylic acids, etc., which is used as bactericidal coatings on structures on grounds. Thus, a polyethylene fish net was impregnated with a mixture of I 10.0, an acrylic resin emulsion 40.0, and water 50.0 parts then soaked in seawater for 6 mo to show antifouling effect.

IT 26530-20-1, 2-Octyl-4-isothiazolin-3-one 28159-98-0
55406-53-6, 3-Iodo-2-propynylbutyl carbamate 64359-81-5,
4,5-Dichloro-2-octyl-4-isothiazolin-3-one

RL: MOA (Modifier or additive use); USES (Uses)
(in marine antifouling coating containing poly(hexamethyleneguanidine) phosphate)

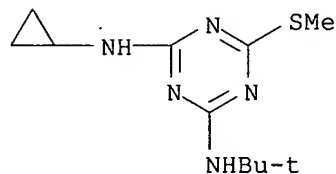
RN 26530-20-1 CAPLUS

CN 3(2H)-Isothiazolone, 2-octyl- (9CI) (CA INDEX NAME)



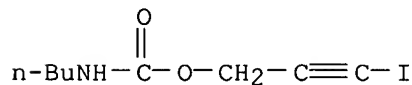
RN 28159-98-0 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)- (9CI) (CA INDEX NAME)



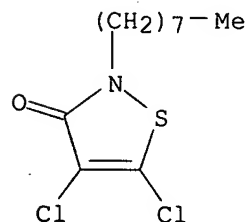
RN 55406-53-6 CAPLUS

CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



RN 64359-81-5 CAPLUS

CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)



ACCESSION NUMBER: 2003:582364 CAPLUS

DOCUMENT NUMBER: 139:129406

TITLE: Synergistic antimicrobial agents containing quaternary ammonium salts

INVENTOR(S): Kubota, Takao; Tanaka, Shoji; Matsuhisa, Shigeyoshi

PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 34 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003212706	A2	20030730	JP 2002-331715	20021115
PRIORITY APPLN. INFO.:			JP 2001-353771	A 20011119

OTHER SOURCE(S): MARPAT 139:129406

AB The agents for control of bacteria, fungi, yeast, and algae, contain bis(quaternary ammonium) salts and ≥ 1 compound selected from isothiazolines, nitro alcs., dithiols, thiophenes, haloacetylenes, phthalimides, haloalkylthio compds., pyrithiones, phenylureas, triazines, guanidines, triazoles, and benzimidazoles. Concomitant addition of Dibnirol A 75 (2,2-dibromo-2-nitro-1-ethanol; DBNE) and Dimer 38 [N,N'-hexamethylenebis(4-carbamoyl-1-decylpyridiniumbromide); HMDP-Br] showed synergistic antimicrobial effects in a mixed culture containing *Serratia marcescens*, *Escherichia coli*, and *Pseudomonas aeruginosa* with min. inhibitory concns. of 3 ppm for DBNE and 0.2 ppm for HMDP-Br.

IT 501940-47-2 501940-55-2 568583-81-3

568583-83-5 568583-88-0 569370-97-4

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(synergistic industrial microbicides containing bis(quaternary ammonium salts))

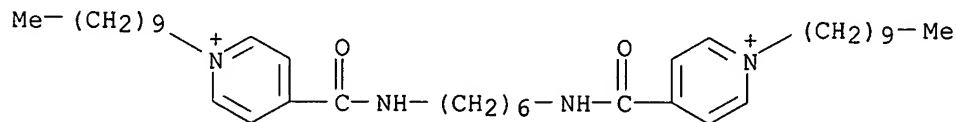
RN 501940-47-2 CAPLUS

CN Pyridinium, 4,4'-[1,6-hexanediylbis(iminocarbonyl)]bis[1-decyl-, dibromide, mixt. with 2-octyl-3(2H)-isothiazolone (9CI) (CA INDEX NAME)

CM 1

CRN 190513-77-0

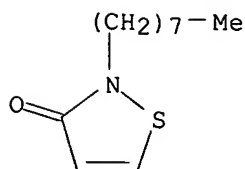
CMF C38 H64 N4 O2 . 2 Br

● 2 Br⁻

CM 2

CRN 26530-20-1

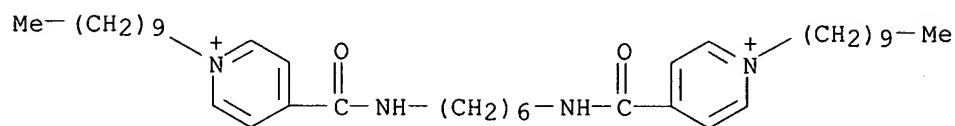
CMF C11 H19 N O S



RN 501940-55-2 CAPLUS
 CN Pyridinium, 4,4'-[1,6-hexanediylbis(iminocarbonyl)]bis[1-decyl-,
 dibromide, mixt. with 2-methyl-3(2H)-isothiazolone (9CI) (CA INDEX NAME)

CM 1

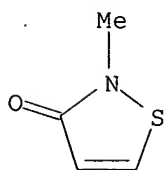
CRN 190513-77-0
 CMF C38 H64 N4 O2 . 2 Br



● 2 Br⁻

CM 2

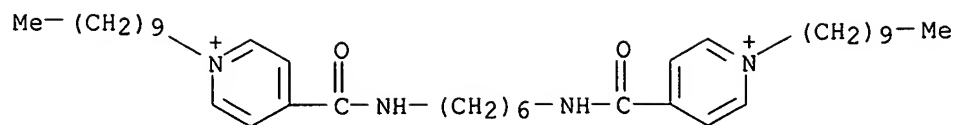
CRN 2682-20-4
 CMF C4 H5 N O S



RN 568583-81-3 CAPLUS
 CN Pyridinium, 4,4'-[1,6-hexanediylbis(iminocarbonyl)]bis[1-decyl-,
 dibromide, mixt. with N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)-
 1,3,5-triazine-2,4-diamine (9CI) (CA INDEX NAME)

CM 1

CRN 190513-77-0
 CMF C38 H64 N4 O2 . 2 Br

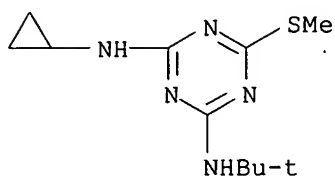


● 2 Br⁻

CM 2

CRN 28159-98-0

CMF C11 H19 N5 S



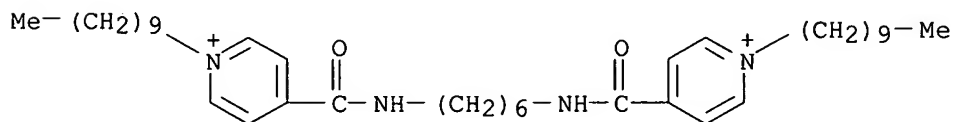
RN 568583-83-5 CAPLUS

CN Pyridinium, 4,4'-[1,6-hexanediylbis(iminocarbonyl)]bis[1-decyl-, dibromide, mixt. with 3-iodo-2-propynyl butylcarbamate (9CI) (CA INDEX NAME)

CM 1

CRN 190513-77-0

CMF C38 H64 N4 O2 . 2 Br

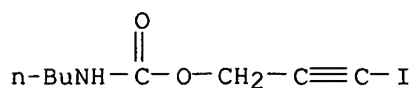


● 2 Br⁻

CM 2

CRN . 55406-53-6

CMF C8 H12 I N O2

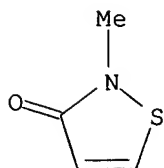


RN 568583-88-0 CAPLUS

CN Pyridinium, 4,4'-[1,6-hexanediylbis(iminocarbonyl)]bis[1-decyl-, diacetate, mixt. with 2-methyl-3(2H)-isothiazolone (9CI) (CA INDEX NAME)

CM 1

CRN 2682-20-4
CMF C4 H5 N O S

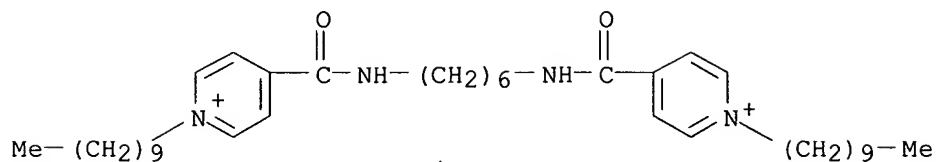


CM 2

CRN 265996-50-7
CMF C38 H64 N4 O2 . 2 C2 H3 O2

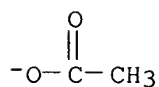
CM 3

CRN 50569-15-8
CMF C38 H64 N4 O2



CM 4

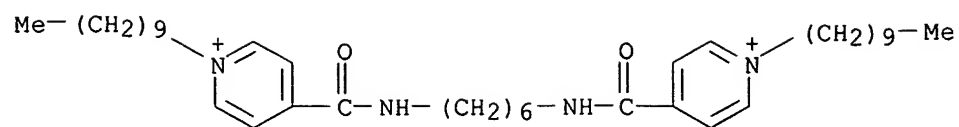
CRN 71-50-1
CMF C2 H3 O2



RN 569370-97-4 CAPLUS
CN Pyridinium, 4,4'-[1,6-hexanediylbis(iminocarbonyl)]bis[1-decyl-,
dibromide, mixt. with 5-chloro-2-methyl-3(2H)-isothiazolone,
4,5-dichloro-3H-1,2-dithiol-3-one, N,4-dihydroxy- α -
oxobenzeneethanimidoyl chloride and 2-methyl-3(2H)-isothiazolone (9CI)
(CA INDEX NAME)

CM 1

CRN 190513-77-0
CMF C38 H64 N4 O2 . 2 Br

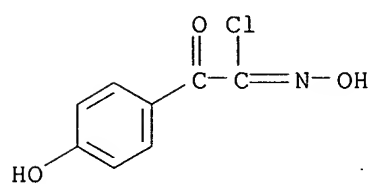


● 2 Br⁻

CM 2

CRN 34911-46-1

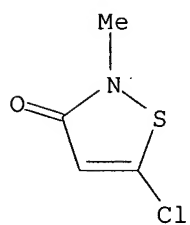
CMF C8 H6 Cl N O3



CM 3

CRN 26172-55-4

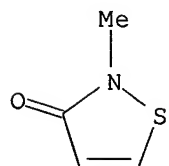
CMF C4 H4 Cl N O S



CM 4

CRN 2682-20-4

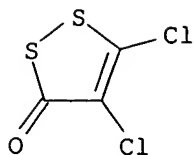
CMF C4 H5 N O S



CM 5

CRN 1192-52-5

CMF C3 Cl2 O S2



L28 ANSWER 12 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:830044 CAPLUS

DOCUMENT NUMBER: 137:321558

TITLE: Water-, weather-, and alkali-resistant algicides for industrial use

INVENTOR(S): Kubota, Takao

PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002316903	A2	20021031	JP 2001-289108	20010921
PRIORITY APPLN. INFO.:			JP 2001-38318	A 20010215
OTHER SOURCE(S):	MARPAT 137:321558			

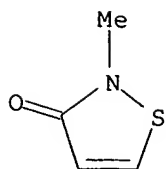
AB The algicides, useful for coatings, adhesives, etc., contain triazines, isothiazolines, and haloacetylenes. An acrylic emulsion coating containing 0.5 weight% of a xylene solution containing Irgarol 1071 (2-methylthio-4-tert-butylamino-6-cyclopropylamino-s-triazine) 5.1, Kathon 893T (2-n-octyl-4-isothiazolin-3-one) 5.1, and Troysan Polyphase P 100 (3-iodo-2-propynyl butylcarbamate) 7.5 weight% was applied on filter paper, dried, immersed in H₂O for 24 h, dried, immersed in H₂O for 24 h, and dried to form a coating film, which completely inhibited *Chlamydomonas reinhardtii*, *Euglena gracilis*, and *Chlorella* even after light irradiation for 4 wk.

IT 2682-20-4D, 2-Methyl-4-isothiazolin-3-one, mixts. containing 4299-07-4D, mixts. containing 22936-75-0D, mixts. containing 26172-55-4D, 5-Chloro-2-methyl-4-isothiazolin-3-one, mixts. containing 26530-20-1D, 2-n-Octyl-4-isothiazolin-3-one, mixts. containing 26530-24-5D, mixts. containing 28159-98-0D, 2-Methylthio-4-tert-butylamino-6-cyclopropylamino-s-triazine, mixts. containing 55406-53-6D, 3-Iodo-2-propynyl butylcarbamate, mixts. containing 64359-80-4D, 4-Chloro-2-octyl-4-isothiazolin-3-one, mixts. containing 64359-81-5D, 4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one, mixts. containing 82633-79-2D, 2-Methyl-4,5-trimethylene-4-isothiazolin-3-one, mixts. containing 473544-48-8 473544-49-9

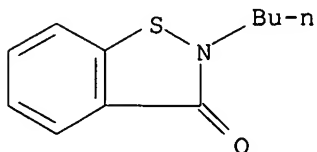
RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); MOA (Modifier or additive use); TEM (Technical or engineered material use); BIOL (Biological study); USES (Uses) (water-, weather-, and alkali-resistant algicides containing triazines, isothiazolines, and haloacetylenes for industrial use)

RN 2682-20-4 CAPLUS

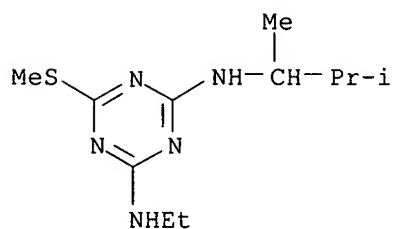
CN 3(2H)-Isothiazolone, 2-methyl- (9CI) (CA INDEX NAME)



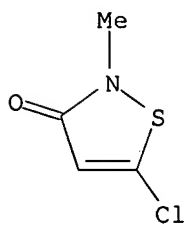
RN 4299-07-4 CAPLUS
 CN 1,2-Benzisothiazol-3(2H)-one, 2-butyl- (9CI) (CA INDEX NAME)



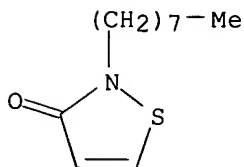
RN 22936-75-0 CAPLUS
 CN 1,3,5-Triazine-2,4-diamine, N-(1,2-dimethylpropyl)-N'-ethyl-6-(methylthio)- (9CI) (CA INDEX NAME)



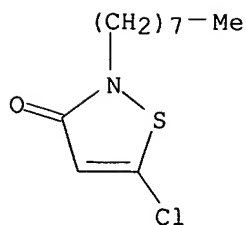
RN 26172-55-4 CAPLUS
 CN 3(2H)-Isothiazolone, 5-chloro-2-methyl- (9CI) (CA INDEX NAME)



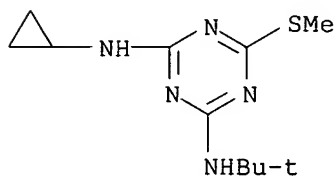
RN 26530-20-1 CAPLUS
 CN 3(2H)-Isothiazolone, 2-octyl- (9CI) (CA INDEX NAME)



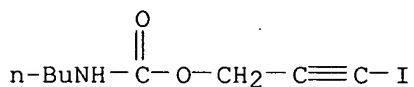
RN 26530-24-5 CAPLUS
 CN 3(2H)-Isothiazolone, 5-chloro-2-octyl- (9CI) (CA INDEX NAME)



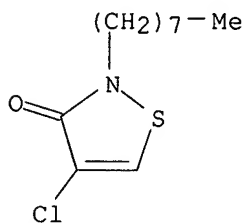
RN 28159-98-0 CAPLUS
 CN 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)- (9CI) (CA INDEX NAME)



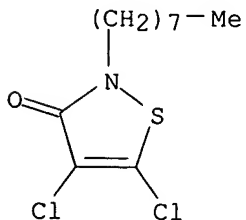
RN 55406-53-6 CAPLUS
 CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



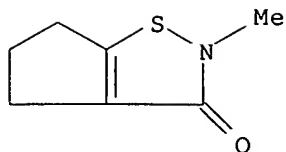
RN 64359-80-4 CAPLUS
 CN 3(2H)-Isothiazolone, 4-chloro-2-octyl- (9CI) (CA INDEX NAME)



RN 64359-81-5 CAPLUS
 CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)



RN 82633-79-2 CAPLUS
 CN 2H-Cyclopent[d]isothiazol-3(4H)-one, 5,6-dihydro-2-methyl- (9CI) (CA INDEX NAME)



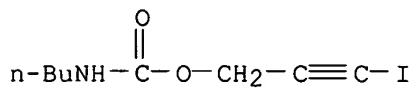
RN 473544-48-8 CAPLUS

CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester, mixt. with
N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)-1,3,5-triazine-2,4-
diamine and 2-octyl-3(2H)-isothiazolone (9CI) (CA INDEX NAME)

CM 1

CRN 55406-53-6

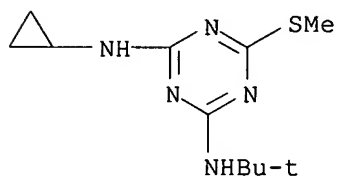
CMF C8 H12 I N O2



CM 2

CRN 28159-98-0

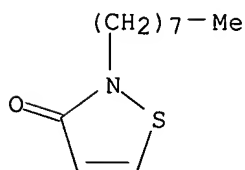
CMF C11 H19 N5 S



CM 3

CRN 26530-20-1

CMF C11 H19 N O S



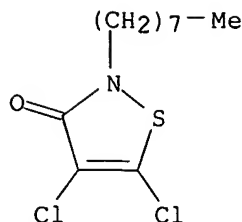
RN 473544-49-9 CAPLUS

CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester, mixt. with
N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)-1,3,5-triazine-2,4-
diamine and 4,5-dichloro-2-octyl-3(2H)-isothiazolone (9CI) (CA INDEX
NAME)

CM 1

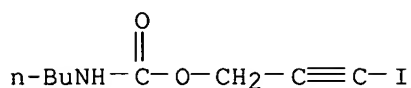
CRN 64359-81-5

CMF C11 H17 Cl2 N O S



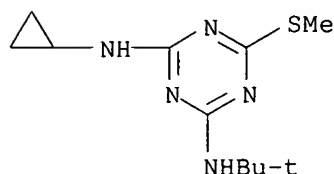
CM 2

CRN 55406-53-6
CMF C8 H12 I N O2



CM 3

CRN 28159-98-0
CMF C11 H19 N5 S



L28 ANSWER 13 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:706210 CAPLUS

DOCUMENT NUMBER: 135:340403

TITLE: The environmental fate and behaviour of antifouling paint booster biocides: A review

AUTHOR(S): Thomas, K. V.

CORPORATE SOURCE: Centre for Environment, Fisheries and Aquaculture Science, CEFAS Burnham Laboratory, Burnham on Crouch, CM0 8HA, UK

SOURCE: Biofouling (2001), 17(1), 73-86

CODEN: BFOUEC; ISSN: 0892-7014

PUBLISHER: Harwood Academic Publishers

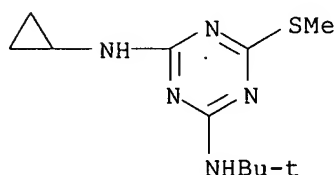
DOCUMENT TYPE: Journal; General Review

LANGUAGE: English

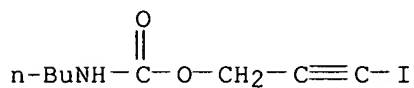
AB A review with refs. Antifouling paint booster biocides are a group of organic compds. added to antifouling paints to improve their efficacy. They have become prevalent since the requirement for alternative antifouling paints formulations for small boats (<25m). This need followed a ban on the use of triorganotin biocides in antifouling paints for small boats, in the late 1980's. Worldwide, around eighteen compds. are currently used as antifouling biocides, viz. benzylmethylamide, chlorothalonil, copper pyrithione, dichlofluanid, diuron, fluorofolpet, Irgarol 1051, Sea-Nine 211, Mancozeb, Polyphase, pyridine-triphenylborane, TCMS (2,3,5,6-tetrachloro-4-methylsulfonyl pyridine), TCMTB [2-(thiocyanomethylthio)benzothiazole], Thiram, tolylfluanid, zinc

pyrithione (ZPT), ziram and Zineb. Any booster biocide released into the environment is subjected to a complex set of processes. These processes include transport mechanisms, transformation, degradation, cross media partitioning, and bioaccumulation. This paper reviews the fate and behavior data currently available in the public domain concerning antifouling paint booster biocides.

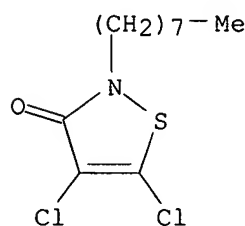
IT 28159-98-0, Irgarol 1051 55406-53-6, Polyphase
64359-81-5, Sea-Nine 211
RL: BPR (Biological process); BSU (Biological study, unclassified); BUU (Biological use, unclassified); PEP (Physical, engineering or chemical process); BIOL (Biological study); PROC (Process); USES (Uses)
(environmental fate and behavior of antifouling paint booster biocides)
RN 28159-98-0 CAPLUS
CN 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)- (9CI) (CA INDEX NAME)



RN 55406-53-6 CAPLUS
CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



RN 64359-81-5 CAPLUS
CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 51 THERE ARE 51 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L28 ANSWER 14 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2001:578597 CAPLUS
DOCUMENT NUMBER: 135:124156
TITLE: Bactericide combinations in detergents
INVENTOR(S): Elsmore, Richard; Houghton, Mark Phillip
PATENT ASSIGNEE(S): Robert McBride Ltd., UK
SOURCE: Brit. UK Pat. Appl., 53 pp.
CODEN: BAXXDU
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
------------	------	------	-----------------	------

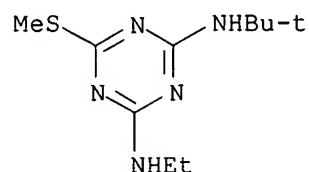
GB 2354771	A1	20010404	GB 1999-23253	19991001
PRIORITY APPLN. INFO.:			GB 1999-23253	19991001

AB The detergent comprises a bactericide in combination with an anionic, cationic, nonionic or amphoteric surfactant which has a C12-18 alkyl group as the longest chain attached to the hydrophilic moiety. Creduret 50 (hydrogenated ethoxylated castor oil) 50, citric acid 12, formalin 10, sodium alkyl benzene sulfonate (C12-20) alkyl 1, perfume white line 0.5, detergent enzyme savingase 0.2, and bactericide Pr 4-hydroxybenzoate 1.0 parts formed a detergent, showing reduction activity after contact 2.

IT 886-50-0 2682-20-4 4299-07-4 7287-19-6
22936-75-0 26172-55-4 26530-03-0
26530-20-1 28159-98-0 55406-53-6
55965-84-9 64359-81-5 82633-79-2
RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
BIOL (Biological study); USES (Uses)
(bactericide combinations in detergents)

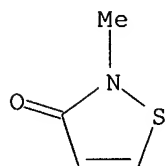
RN 886-50-0 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-(1,1-dimethylethyl)-N'-ethyl-6-(methylthio)-
(9CI) (CA INDEX NAME)



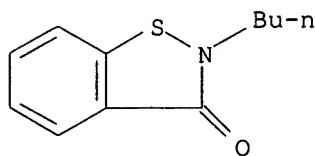
RN 2682-20-4 CAPLUS

CN 3(2H)-Isothiazolone, 2-methyl- (9CI) (CA INDEX NAME)



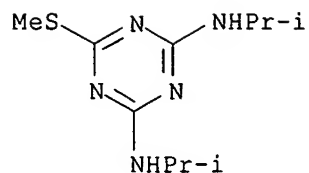
RN 4299-07-4 CAPLUS

CN 1,2-Benzisothiazol-3(2H)-one, 2-butyl- (9CI) (CA INDEX NAME)



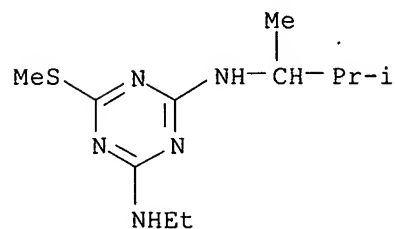
RN 7287-19-6 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N,N'-bis(1-methylethyl)-6-(methylthio)- (9CI)
(CA INDEX NAME)



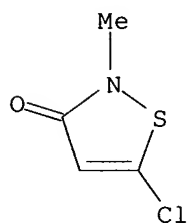
RN 22936-75-0 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-(1,2-dimethylpropyl)-N'-ethyl-6-(methylthio)-
(9CI) (CA INDEX NAME)



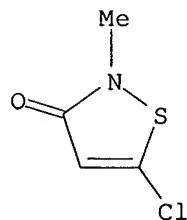
RN 26172-55-4 CAPLUS

CN 3(2H)-Isothiazolone, 5-chloro-2-methyl- (9CI) (CA INDEX NAME)



RN 26530-03-0 CAPLUS

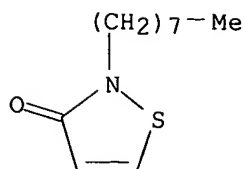
CN 3(2H)-Isothiazolone, 5-chloro-2-methyl-, hydrochloride (9CI) (CA INDEX NAME)



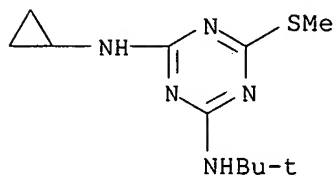
● HCl

RN 26530-20-1 CAPLUS

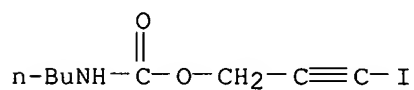
CN 3(2H)-Isothiazolone, 2-octyl- (9CI) (CA INDEX NAME)



RN 28159-98-0 CAPLUS
 CN 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)- (9CI) (CA INDEX NAME)



RN 55406-53-6 CAPLUS
 CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)

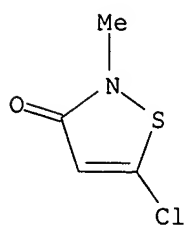


RN 55965-84-9 CAPLUS
 CN 3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (9CI) (CA INDEX NAME)

CM 1

CRN 26172-55-4

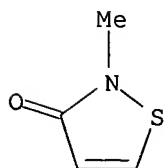
CMF C4 H4 Cl N O S



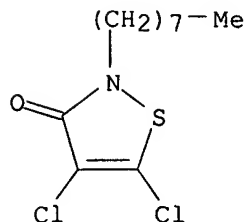
CM 2

CRN 2682-20-4

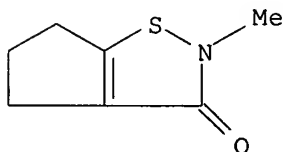
CMF C4 H5 N O S



RN 64359-81-5 CAPLUS
CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)



RN 82633-79-2 CAPLUS
CN 2H-Cyclopent[d]isothiazol-3(4H)-one, 5,6-dihydro-2-methyl- (9CI) (CA INDEX NAME)



L28 ANSWER 15 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2000:761907 CAPLUS
DOCUMENT NUMBER: 133:318523
TITLE: Industrial microbicides containing cyclodextrins as surfactants
INVENTOR(S): Kubota, Takao
PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
JP 2000302601	A2	20001031	JP 2000-37825	20000216

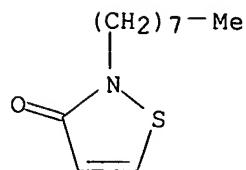
PRIORITY APPLN. INFO.: JP 1999-38645 A 19990217

AB Industrial microbicides, especially useful for water-based clear paints, contain antimicrobial agents, cyclodextrins as surfactants, and aqueous solvents. The microbicides make no foam in preparation or in mixing with paints, and do not decrease transparency of the paints. Methyl- β -cyclodextrin was dissolved in diethylene glycol monomethyl ether, and the solution was further mixed with 2-octyl-4-isothiazolin-3-one and Irgarol 1051 (2-methylthio-4-tert-butylamino-6-cyclopropynylamino-s-triazine) to show no foaming.

IT 26530-20-1, 2-Octyl-4-isothiazolin-3-one 28159-98-0, Irgarol 1051 55406-53-6, 3-Iodo-2-propynylbutyl carbamate 64359-81-5, 4,5-Dichloro-2-octyl-4-isothiazolin-3-one
RL: BUU (Biological use, unclassified); TEM (Technical or engineered material use); BIOL (Biological study); USES (Uses)
(industrial microbicides, especially for water-based clear paints, containing cyclodextrins as surfactants)

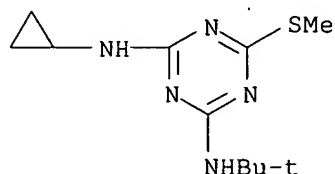
RN 26530-20-1 CAPLUS

CN 3(2H)-Isothiazolone, 2-octyl- (9CI) (CA INDEX NAME)



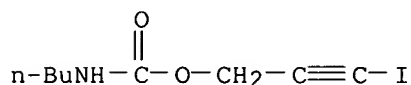
RN 28159-98-0 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)- (9CI) (CA INDEX NAME)



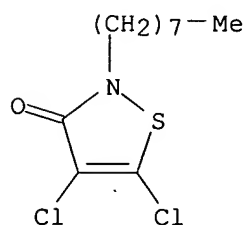
RN 55406-53-6 CAPLUS

CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



RN 64359-81-5 CAPLUS

CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)



L28 ANSWER 16 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2000:725406 CAPLUS

DOCUMENT NUMBER: 133:262648

TITLE: Microbicidal composition for coatings

INVENTOR(S): Lindner, Wolfgang

PATENT ASSIGNEE(S): Troy Chemie G.m.b.H., Germany

SOURCE: PCT Int. Appl., 36 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000059305	A1	20001012	WO 2000-EP2823	20000330
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR,				

CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,
 ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU,
 LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE,
 SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA,
 ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
 DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
 CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: DE 1999-19915055 A 19990401

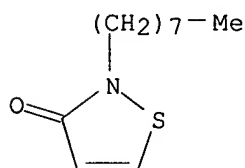
AB The invention relates to a microbicidal composition which comprises: (a) 2-methoxycarbonylaminobenzimidazole or thiabendazole; (b) octylisothiazolin-3-one or 3-iodopropynyloxy N-butylcarbamate; (c) 2-mercaptopyridine N-oxide zinc salt; and (d) an N-aryl-N',N'-dimethylurea derivative or a chlorine-free triazine derivative from the class of 2-methylmercaptodialkylamino-sym-triazines. The invention also relates to coatings containing the above compns, such as for roofs and walls.

IT 26530-20-1D, mixts. containing 55406-53-6D, mixts. containing 298197-38-3

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (microbicidal coating composition)

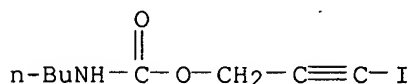
RN 26530-20-1 CAPLUS

CN 3(2H)-Isothiazolone, 2-octyl- (9CI) (CA INDEX NAME)



RN 55406-53-6 CAPLUS

CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



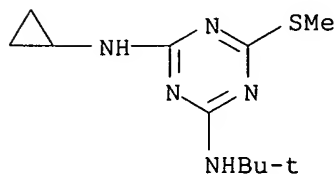
RN 298197-38-3 CAPLUS

CN Zinc, bis[1-(hydroxy-κO)-2(1H)-pyridinethionato-κS2]-, (T-4)-, mixt. with N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)-1,3,5-triazine-2,4-diamine, methyl 1H-benzimidazol-2-ylcarbamate and 2-octyl-3(2H)-isothiazolone (9CI) (CA INDEX NAME)

CM 1

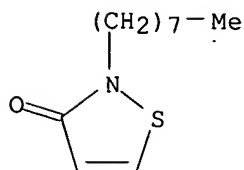
CRN 28159-98-0

CMF C11 H19 N5 S



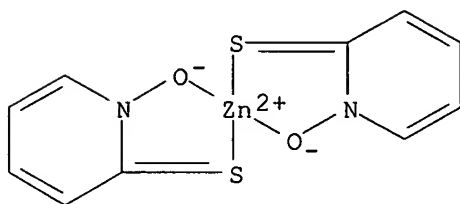
CM 2

CRN 26530-20-1
CMF C11 H19 N O S



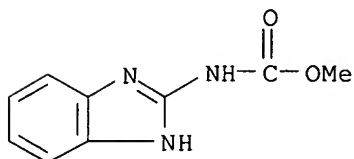
CM 3

CRN 13463-41-7
CMF C10 H8 N2 O2 S2 Zn
CCI CCS



CM 4

CRN 10605-21-7
CMF C9 H9 N3 O2



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L28 ANSWER 17 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1999:392945 CAPLUS

DOCUMENT NUMBER: 131:40955

TITLE: Controlled-release compositions containing agricultural pesticide, microbicide or antifouling agent incorporated into metal oxide glass

INVENTOR(S): Ghosh, Tirthankar; Nungesser, Edwin Hugh

PATENT ASSIGNEE(S): Rohm and Haas Company, USA

SOURCE: Eur. Pat. Appl., 18 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 922386	A2	19990616	EP 1998-309692	19981125

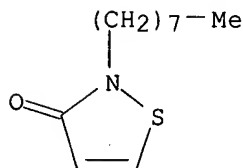
EP 922386	A3	20000126		
EP 922386	B1	20040204		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
US 6090399	A	20000718	US 1998-189479	19981110
AU 9895159	A1	19990701	AU 1998-95159	19981201
AU 761076	B2	20030529		
SG 71879	A1	20000418	SG 1998-5360	19981208
BR 9805326	A	20000314	BR 1998-5326	19981209
JP 11263702	A2	19990928	JP 1998-352346	19981211
CN 1232610	A	19991027	CN 1998-123093	19981211
PRIORITY APPLN. INFO.:			US 1997-69243P	P 19971211

AB Disclosed are controlled-release compns. containing biol. active compds. incorporated into metal oxide glass having a porous matrix which is prepared by polymerizing one or more metal alkoxide monomers, optionally in the presence of a second metal alkoxide monomer. These compns. may be directly incorporated into the locus to be protected or may be applied to a structure in a coating. Thus, tetraethoxy orthosilicate and methyltriethoxy orthosilicate (mole ratio 4:1), 4,5-dichloro-2-n-octyl-3-isothiazolone (5% by weight of the final product), and water (mole ratio of alkoxide monomers to water 1:2) were combined in a flask and homogenized by adding methanol or ethanol while stirring; then, 8-10 g of 0.01N HCl per mol of metal alkoxide monomer was added to the reaction mixture, which was allowed to polymerize at room temperature for 3-60 days to give a solid organometallic oxide glass containing the biol. active compound. The cumulative percentages of 4,5-dichloro-2-n-octyl-3-isothiazolone released were 5, 30, 41, 50 and 64% by weight in 0, 0.5, 2, 31, and 144 h.

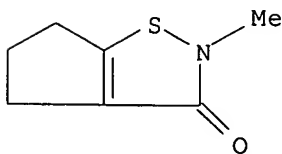
IT 26530-20-1, 2-n-Octyl-3-isothiazolone 82633-79-2
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(controlled-release compns. containing agricultural pesticide, microbicide or antifouling agent incorporated into metal oxide glass)

RN 26530-20-1 CAPLUS
 CN 3(2H)-Isothiazolone, 2-octyl- (9CI) (CA INDEX NAME)

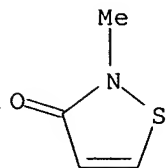


RN 82633-79-2 CAPLUS
 CN 2H-Cyclopent[d]isothiazol-3(4H)-one, 5,6-dihydro-2-methyl- (9CI) (CA INDEX NAME)

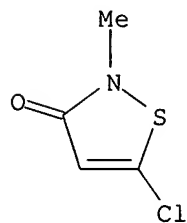


IT 2682-20-4, 2-Methyl-3-isothiazolone 26172-55-4
 28159-98-0, 2-(Methylthio)-4-tert-butylamino-6-(cyclopropylamino)-s-triazine 55406-53-6, 3-Iodo-2-propynyl butyl carbamate
 64359-81-5, 4,5-Dichloro-2-n-octyl-3-isothiazolone
 RL: BUU (Biological use, unclassified); PEP (Physical, engineering or chemical process); BIOL (Biological study); PROC (Process); USES (Uses)
 (controlled-release compns. containing agricultural pesticide, microbicide or antifouling agent incorporated into metal oxide glass)

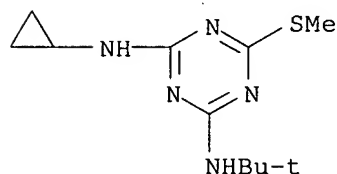
RN 2682-20-4 CAPLUS
 CN 3(2H)-Isothiazolone, 2-methyl- (9CI) (CA INDEX NAME)



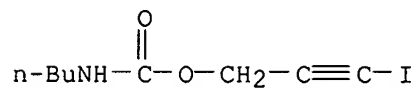
RN 26172-55-4 CAPLUS
 CN 3(2H)-Isothiazolone, 5-chloro-2-methyl- (9CI) (CA INDEX NAME)



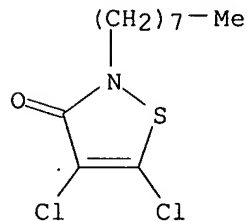
RN 28159-98-0 CAPLUS
 CN 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)- (9CI) (CA INDEX NAME)



RN 55406-53-6 CAPLUS
 CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)

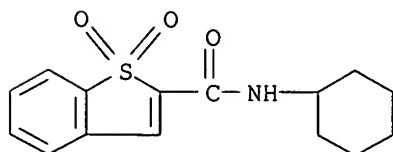


RN 64359-81-5 CAPLUS
 CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)

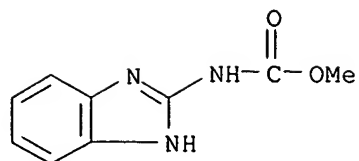


DOCUMENT NUMBER: 130:233632
 TITLE: Mixtures of benzothiophene derivative as synergistic fungicides and algicides
 INVENTOR(S): Wachtler, Peter; Kugler, Martin; Kunisch, Franz
 PATENT ASSIGNEE(S): Bayer A.-G., Germany
 SOURCE: Ger. Offen., 8 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19741403	A1	19990325	DE 1997-19741403	19970919
WO 9915015	A1	19990401	WO 1998-EP5735	19980909
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG AU 9895386 A1 19990412 AU 1998-95386 19980909 DE 1997-19741403 A 19970919 WO 1998-EP5735 W 19980909				
PRIORITY APPLN. INFO.: AB The title binary or ternary mixts. comprise benzothiophene-2-(N-cyclohexyl)carboxamide S,S-dioxide and any of a large number of compds. such as terbutryne, isoproturon, diuron, etc. IT 221299-55-4 221299-56-5 221299-60-1 221299-61-2 221299-64-5 221299-65-6 221299-66-7 221299-67-8 221299-68-9 221299-69-0 221299-70-3 221299-71-4 221299-73-6 221299-74-7 221299-75-8 221299-76-9 221299-77-0 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (synergistic fungicide and algicide) RN 221299-55-4 CAPLUS CN Carbamic acid, 1H-benzimidazol-2-yl-, methyl ester, mixt. with N-cyclohexylbenzo[b]thiophene-2-carboxamide 1,1-dioxide and N-(1,1-dimethylethyl)-N'-ethyl-6-(methylthio)-1,3,5-triazine-2,4-diamine (9CI) (CA INDEX NAME) CM 1 CRN 149118-66-1 CMF C15 H17 N O3 S				



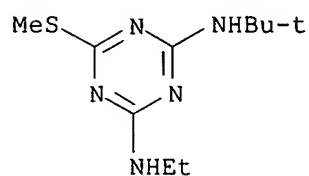
CM 2
 CRN 10605-21-7
 CMF C9 H9 N3 O2



CM 3

CRN 886-50-0

CMF C10 H19 N5 S



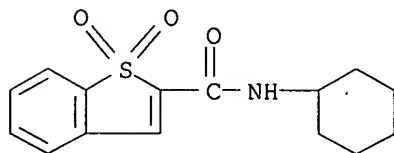
RN 221299-56-5 CAPLUS

CN Carbamic acid, 1H-benzimidazol-2-yl-, methyl ester, mixt. with
N-cyclohexylbenzo[b]thiophene-2-carboxamide 1,1-dioxide and
N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)-1,3,5-triazine-2,4-
diamine (9CI) (CA INDEX NAME)

CM 1

CRN 149118-66-1

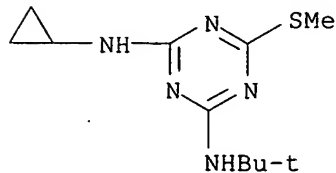
CMF C15 H17 N O3 S



CM 2

CRN 28159-98-0

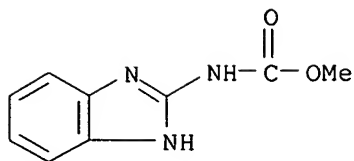
CMF C11 H19 N5 S



CM 3

CRN 10605-21-7

CMF C9 H9 N3 O2



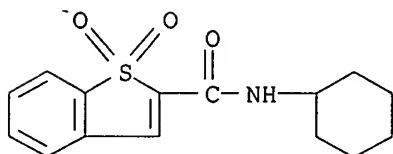
RN 221299-60-1 CAPLUS

CN Benzo[b]thiophene-2-carboxamide, N-cyclohexyl-, 1,1-dioxide, mixt. with N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)-1,3,5-triazine-2,4-diamine (9CI) (CA INDEX NAME)

CM 1

CRN 149118-66-1

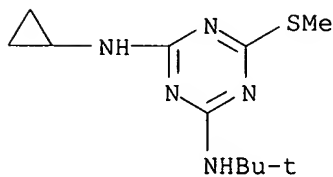
CMF C15 H17 N O3 S



CM 2

CRN 28159-98-0

CMF C11 H19 N5 S



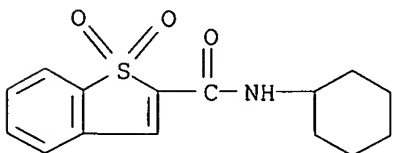
RN 221299-61-2 CAPLUS

CN Benzo[b]thiophene-2-carboxamide, N-cyclohexyl-, 1,1-dioxide, mixt. with N-(1,1-dimethylethyl)-N'-ethyl-6-(methylthio)-1,3,5-triazine-2,4-diamine (9CI) (CA INDEX NAME)

CM 1

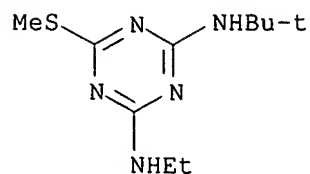
CRN 149118-66-1

CMF C15 H17 N O3 S



CM 2

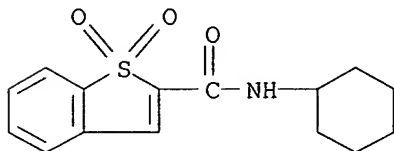
CRN 886-50-0
CMF C10 H19 N5 S



RN 221299-64-5 CAPLUS
CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester, mixt. with
N-cyclohexylbenzo[b]thiophene-2-carboxamide 1,1-dioxide (9CI) (CA INDEX
NAME)

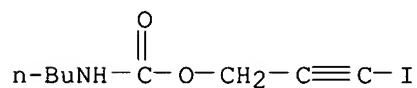
CM 1

CRN 149118-66-1
CMF C15 H17 N O3 S



CM 2

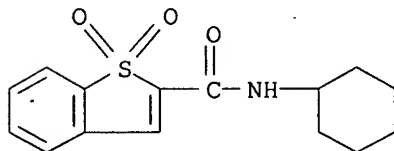
CRN 55406-53-6
CMF C8 H12 I N O2



RN 221299-65-6 CAPLUS
CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester, mixt. with
N-cyclohexylbenzo[b]thiophene-2-carboxamide 1,1-dioxide and
N'-(3,4-dichlorophenyl)-N,N-dimethylurea (9CI) (CA INDEX NAME)

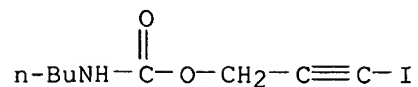
CM 1

CRN 149118-66-1
CMF C15 H17 N O3 S



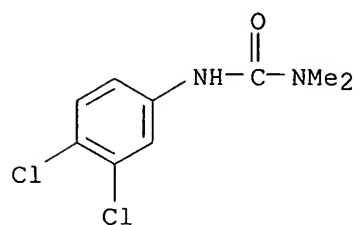
CM 2

CRN 55406-53-6
CMF C8 H12 I N O2



CM 3

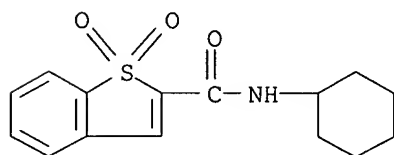
CRN 330-54-1
CMF C9 H10 Cl2 N2 O



RN 221299-66-7 CAPLUS
CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester, mixt. with
N-cyclohexylbenzo[b]thiophene-2-carboxamide 1,1-dioxide and
N-(1,1-dimethylethyl)-N'-ethyl-6-(methylthio)-1,3,5-triazine-2,4-diamine
(9CI) (CA INDEX NAME)

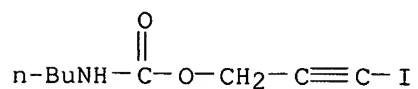
CM 1

CRN 149118-66-1
CMF C15 H17 N O3 S



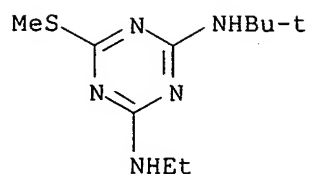
CM 2

CRN 55406-53-6
CMF C8 H12 I N O2



CM 3

CRN 886-50-0
CMF C10 H19 N5 S



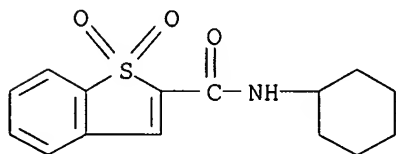
RN 221299-67-8 CAPLUS

CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester, mixt. with
N-cyclohexylbenzo[b]thiophene-2-carboxamide 1,1-dioxide and
N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)-1,3,5-triazine-2,4-
diamine (9CI) (CA INDEX NAME)

CM 1

CRN 149118-66-1

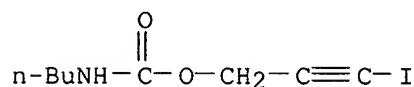
CMF C15 H17 N O3 S



CM 2

CRN 55406-53-6

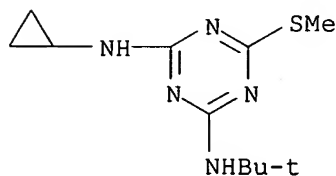
CMF C8 H12 I N O2



CM 3

CRN 28159-98-0

CMF C11 H19 N5 S



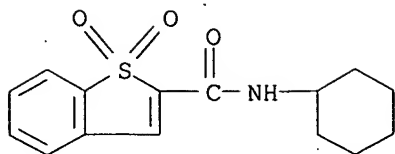
RN 221299-68-9 CAPLUS

CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester, mixt. with
N-2-benzothiazolyl-N,N'-dimethylurea and N-cyclohexylbenzo[b]thiophene-2-
carboxamide 1,1-dioxide (9CI) (CA INDEX NAME)

CM 1

CRN 149118-66-1

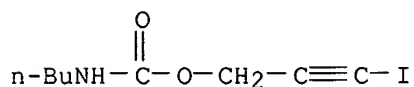
CMF C15 H17 N O3 S



CM 2

CRN 55406-53-6

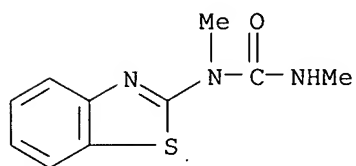
CMF C8 H12 I N O2



CM 3

CRN 18691-97-9

CMF C10 H11 N3 O S



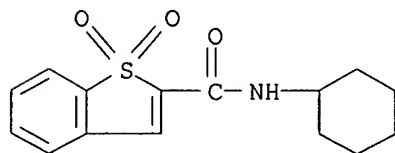
RN 221299-69-0 CAPLUS

CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester, mixt. with
N-cyclohexylbenzo[b]thiophene-2-carboxamide 1,1-dioxide and
N,N-dimethyl-N'-[4-(1-methylethyl)phenyl]urea (9CI) (CA INDEX NAME)

CM 1

CRN 149118-66-1

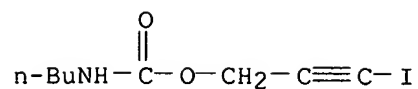
CMF C15 H17 N O3 S



CM 2

CRN 55406-53-6

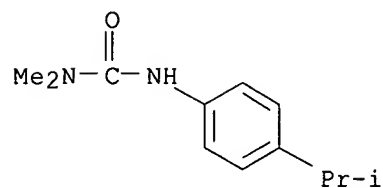
CMF C8 H12 I N O2



CM 3

CRN 34123-59-6

CMF C12 H18 N2 O



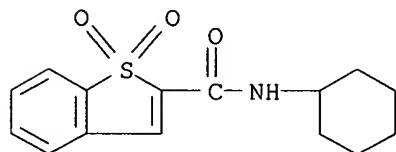
RN 221299-70-3 CAPLUS

CN Benzo[b]thiophene-2-carboxamide, N-cyclohexyl-, 1,1-dioxide, mixt. with 2-octyl-3(2H)-isothiazolone (9CI) (CA INDEX NAME)

CM 1

CRN 149118-66-1

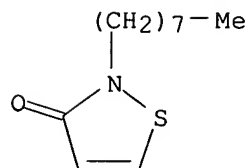
CMF C15 H17 N O3 S



CM 2

CRN 26530-20-1

CMF C11 H19 N O S



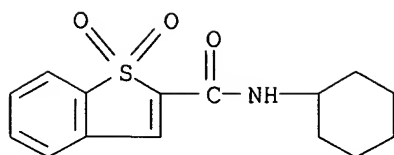
RN 221299-71-4 CAPLUS

CN Benzo[b]thiophene-2-carboxamide, N-cyclohexyl-, 1,1-dioxide, mixt. with N'-(3,4-dichlorophenyl)-N,N-dimethylurea and 2-octyl-3(2H)-isothiazolone (9CI) (CA INDEX NAME)

CM 1

CRN 149118-66-1

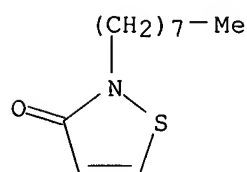
CMF C15 H17 N O3 S



CM 2

CRN 26530-20-1

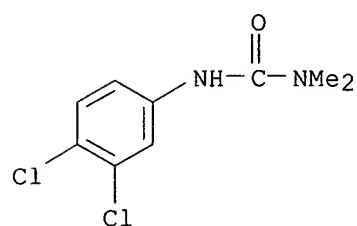
CMF C11 H19 N O S



CM 3

CRN 330-54-1

CMF C9 H10 C12 N2 O



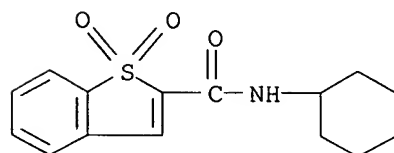
RN 221299-73-6 CAPLUS

CN Benzo[b]thiophene-2-carboxamide, N-cyclohexyl-, 1,1-dioxide, mixt. with N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)-1,3,5-triazine-2,4-diamine and 2-octyl-3(2H)-isothiazolone (9CI) (CA INDEX NAME)

CM 1

CRN 149118-66-1

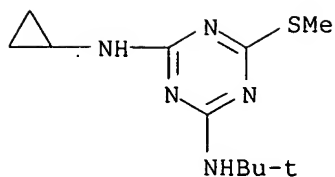
CMF C15 H17 N O3 S



CM 2

CRN 28159-98-0

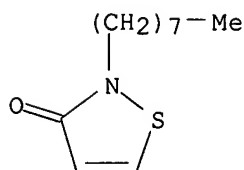
CMF C11 H19 N5 S



CM 3

CRN 26530-20-1

CMF C11 H19 N O S



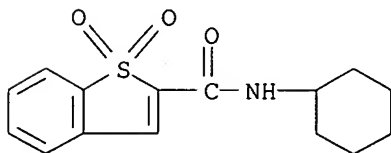
RN 221299-74-7 CAPLUS

CN Benzo[b]thiophene-2-carboxamide, N-cyclohexyl-, 1,1-dioxide, mixt. with 4,5-dichloro-2-octyl-3(2H)-isothiazolone (9CI) (CA INDEX NAME)

CM 1

CRN 149118-66-1

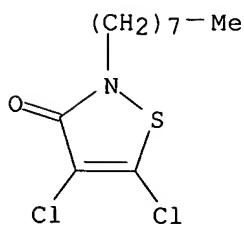
CMF C15 H17 N O3 S



CM 2

CRN 64359-81-5

CMF C11 H17 Cl2 N O S



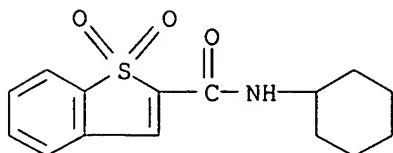
RN 221299-75-8 CAPLUS

CN Benzo[b]thiophene-2-carboxamide, N-cyclohexyl-, 1,1-dioxide, mixt. with 4,5-dichloro-2-octyl-3(2H)-isothiazolone and N'-(3,4-dichlorophenyl)-N,N-dimethylurea (9CI) (CA INDEX NAME)

CM 1

CRN 149118-66-1

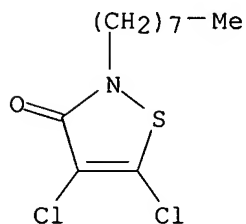
CMF C15 H17 N O3 S



CM 2

CRN 64359-81-5

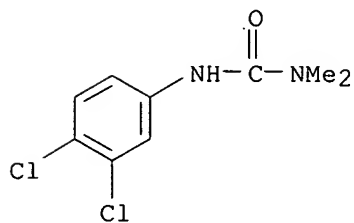
CMF C11 H17 Cl2 N O S



CM 3

CRN 330-54-1

CMF C9 H10 Cl2 N2 O



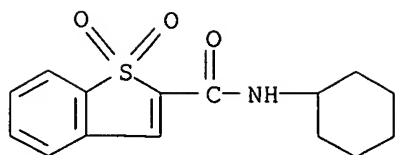
RN 221299-76-9 CAPLUS

CN Benzo[b]thiophene-2-carboxamide, N-cyclohexyl-, 1,1-dioxide, mixt. with N'-(3,4-dichlorophenyl)-N,N-dimethylurea and N-(1,1-dimethylethyl)-N'-ethyl-6-(methylthio)-1,3,5-triazine-2,4-diamine (9CI) (CA INDEX NAME)

CM 1

CRN 149118-66-1

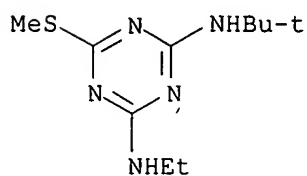
CMF C15 H17 N O3 S



CM 2

CRN 886-50-0

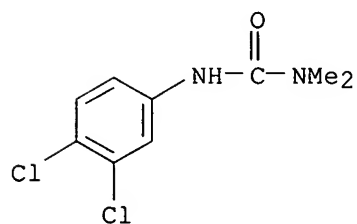
CMF C10 H19 N5 S



CM 3

CRN 330-54-1

CMF C9 H10 Cl2 N2 O



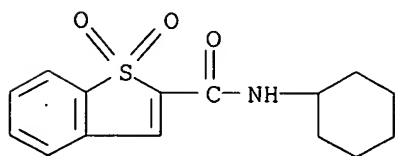
RN 221299-77-0 CAPLUS

CN Benzo[b]thiophene-2-carboxamide, N-cyclohexyl-, 1,1-dioxide, mixt. with N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)-1,3,5-triazine-2,4-diamine and N-(1,1-dimethylethyl)-N'-ethyl-6-(methylthio)-1,3,5-triazine-2,4-diamine (9CI) (CA INDEX NAME)

CM 1

CRN 149118-66-1

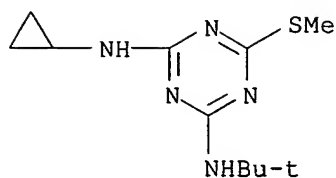
CMF C15 H17 N O3 S



CM 2

CRN 28159-98-0

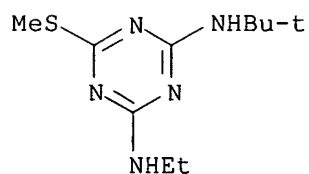
CMF C11 H19 N5 S



CM 3,

CRN 886-50-0

CMF C10 H19 N5 S

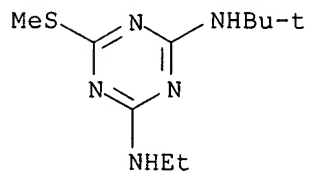


IT 886-50-0D, Terbutryn, mixts. containing benzothiophene derivative and
26530-20-1D, mixts. containing benzothiophene derivative and
28159-98-0D, Irgarol 1071, mixts. containing benzothiophene derivative and
55406-53-6D, IPBC, mixts. containing benzothiophene derivative and
64359-81-5D, mixts. containing benzothiophene derivative and
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)

(synergistic fungicides and algicides)

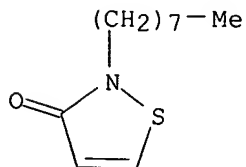
RN 886-50-0 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-(1,1-dimethylethyl)-N'-ethyl-6-(methylthio)-
(9CI) (CA INDEX NAME)



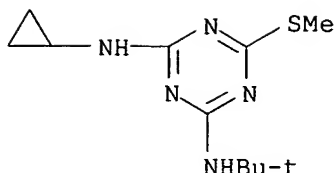
RN 26530-20-1 CAPLUS

CN 3(2H)-Isothiazolone, 2-octyl- (9CI) (CA INDEX NAME)

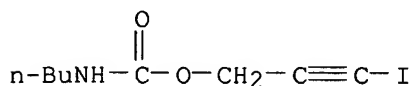


RN 28159-98-0 CAPLUS

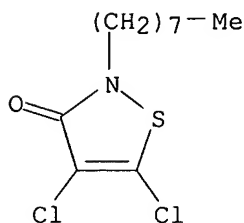
CN 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)- (9CI) (CA INDEX NAME)



RN 55406-53-6 CAPLUS
 CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



RN 64359-81-5 CAPLUS
 CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)



L28 ANSWER 19 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1999:21532 CAPLUS
 DOCUMENT NUMBER: 130:82915
 TITLE: Diphenyldiones as marine antifouling agents
 INVENTOR(S): Willingham, Gary Lewis; Oltman, Linda Marguerite
 PATENT ASSIGNEE(S): Rohm and Haas Company, USA
 SOURCE: U.S., 5 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5853463	A	19981229	US 1998-108767	19980701
PRIORITY APPLN. INFO.:			US 1998-108767	19980701

OTHER SOURCE(S): MARPAT 130:82915

AB Method of inhibiting the growth of marine organisms on a marine structure, by applying onto or into the marine structure with diphenyldiones RC6H4COCOC6H4R1 (R< R1 = H, C1-20 alkyl and halo C1-20 alkyl). These diphenyldiones may be used in conjunction with other antifouling agents and have little or no harmful effects on marine environments. These compds. may be directly incorporated into the marine structure during manufacture, directly applied to the structure, or applied to the structure by means of a coating.

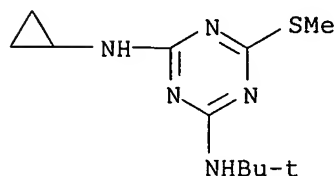
IT 28159-98-0, 2-Methylthio-4-tert-butylamino-6-cyclopropylamino-s-triazine 55406-53-6, 3-Iodo-2-propynylbutyl carbamate 64359-81-5, 4,5-Dichloro-2-n-octyl-3-isothiazolone
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(marine antifouling agent compns. containing; diphenyldiones as marine

antifouling agents having little or no harmful effects on marine environments.)

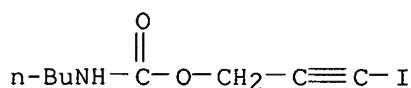
RN 28159-98-0 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)- (9CI) (CA INDEX NAME)



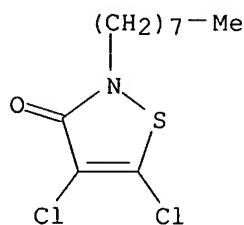
RN 55406-53-6 CAPLUS

CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



RN 64359-81-5 CAPLUS

CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L28 ANSWER 20 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1998:543098 CAPLUS

DOCUMENT NUMBER: 129:176163

TITLE: Triphenylboron-containing polymers and their use as marine antifouling agents

INVENTOR(S): Shimada, Akira; Kohara, Masanori; Shibuya, Yoshifumi

PATENT ASSIGNEE(S): Yoshitomi Fine Chemicals, Ltd., Japan

SOURCE: PCT Int. Appl., 45 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9833829	A1	19980806	WO 1998-JP375	19980128
W: CN, JP, KR,	NO, SG, US			
RW: AT, BE, CH,	DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE			
JP 2002161115	A2	20020604	JP 1997-259897	19970925
PRIORITY APPLN. INFO.:			JP 1997-16694	A 19970130
			JP 1997-259897	A 19970925

OTHER SOURCE(S): MARPAT 129:176163

AB Title polymers have repeating units of CR2R3CR1CH2NH2BPh3 or CH2CHNH2BPh3

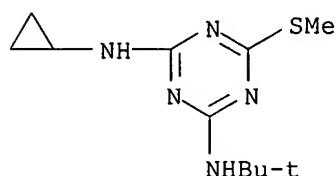
(R1, R2, R3 = H or C1-4 alkyl) and weight-average mol. weight of 1,000-1,000,000, and are useful as antifouling agents for aquatic foulings. The polymers function not only as the active ingredients but as binders, and have less influence on the environment. Thus, an antifouling agent composition comprising poly(allylamine)-triphenylboron complex (preparation given) 5, acrylic resin 30, and xylene 65% was applied on Tetron (polyester) fish net, which was kept in seawater for 4 mo giving no biofouling.

IT 28159-98-0, 2-(tert-Butylamino)-4-(cyclopropylamino)-6-(methylthio)-1,3,5-triazine 55406-53-6, 3-Iodo-2-propynyl butylcarbamate 64359-81-5, 4,5-Dichloro-2-n-octyl-3-isothiazolone
 RL: BUU (Biological use, unclassified); MOA (Modifier or additive use); BIOL (Biological study); USES (Uses)

(addnl. antifouling agent; preparation of triphenylboron-containing polymers for marine antifouling agents)

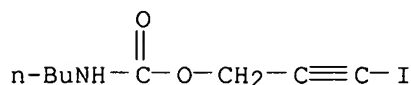
RN 28159-98-0 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)- (9CI) (CA INDEX NAME)



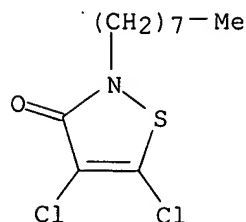
RN 55406-53-6 CAPLUS

CN Carbamic acid, butyl-, .3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



RN 64359-81-5 CAPLUS

CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L28 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1998:293316 CAPLUS

DOCUMENT NUMBER: 129:1699

TITLE: Pesticide and microbicide microemulsions

INVENTOR(S): Nowak, Milton

PATENT ASSIGNEE(S): Troy Corp., USA

SOURCE: PCT Int. Appl., 26 pp.

CODEN: PIXXD2

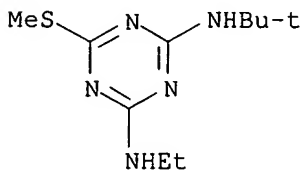
DOCUMENT TYPE: Patent

LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

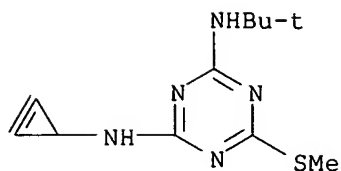
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9818321	A1	19980507	WO 1997-US19204	19971029
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 5827522	A	19981027	US 1996-741038	19961030
AU 9850865	A1	19980522	AU 1998-50865	19971029
AU 736800	B2	20010802		
BR 9712397	A	19990831	BR 1997-12397	19971029
EP 957684	A1	19991124	EP 1997-913750	19971029
EP 957684	B1	20040317		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
NZ 335584	A	20010525	NZ 1997-335584	19971029
AT 261656	E	20040415	AT 1997-913750	19971029
PT 957684	T	20040630	PT 1997-913750	19971029
CA 2269823	C	20040803	CA 1997-2269823	19971029
CA 2269823	AA	19980507		
ES 2213821	T3	20040901	ES 1997-913750	19971029
NO 9902068	A	19990629	NO 1999-2068	19990429
KR 2000052895	A	20000825	KR 1999-703759	19990429
PRIORITY APPLN. INFO.: US 1996-741038 A 19961030 WO 1997-US19204 W 19971029				

AB A water-miscible composition consisting of a solvating surfactant, selected from alkoxylated castor oil, alkoxylated hydrogenated castor oil and an alkoxylated rosin, and a pesticide dissolved in the solvating surfactant, is useful to prepare aqueous microemulsions, micellar solns. or mol. solns. upon mixing with water.

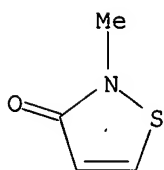
IT **886-50-0, Terbutryn 207395-20-8**
 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (microemulsion of)
 RN 886-50-0 CAPLUS
 CN 1,3,5-Triazine-2,4-diamine, N-(1,1-dimethylethyl)-N'-ethyl-6-(methylthio)-(9CI) (CA INDEX NAME)



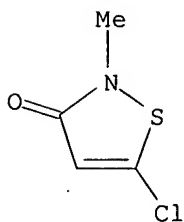
RN 207395-20-8 CAPLUS
 CN 1,3,5-Triazine-2,4-diamine, N-2-cyclopropyn-1-yl-N'-(1,1-dimethylethyl)-6-(methylthio)-(9CI) (CA INDEX NAME)



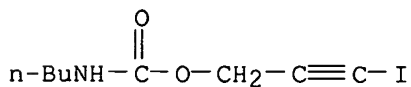
IT 2682-20-4, 2-Methyl-4-isothiazolin-3-one 26172-55-4,
 5-Chloro-2-methyl-4-isothiazolin-3-one 55406-53-6, IPBC
 55406-54-7, Carbamic acid, cyclohexyl, 3-iodo-2-propynyl ester
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)
 (microemulsion of)
 RN 2682-20-4 CAPLUS
 CN 3(2H)-Isothiazolone, 2-methyl- (9CI) (CA INDEX NAME)



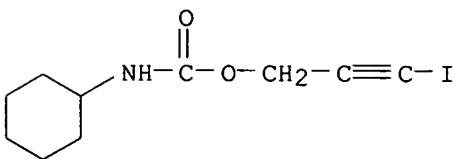
RN 26172-55-4 CAPLUS
 CN 3(2H)-Isothiazolone, 5-chloro-2-methyl- (9CI) (CA INDEX NAME)



RN 55406-53-6 CAPLUS
 CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



RN 55406-54-7 CAPLUS
 CN Carbamic acid, cyclohexyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



REFERENCE COUNT:

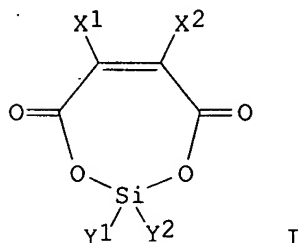
9

THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L28 ANSWER 22 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1993:562559 CAPLUS
DOCUMENT NUMBER: 119:162559
TITLE: Antifouling coating compositions
INVENTOR(S): Masuoka, Shigeru; Ito, Masayasu; Pponda, Yoshihiro
PATENT ASSIGNEE(S): Nippon Oils & Fats Co Ltd, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 17 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 05112739	A2	19930507	JP 1991-299887	19911018
PRIORITY APPLN. INFO.: GI			JP 1991-299887	19911018

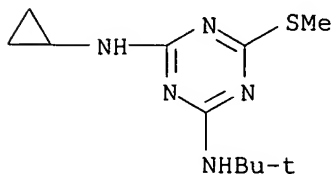


AB Title compns. contain I (co)polymers and/or I-vinyl monomer copolymers and stain-preventing agents [X1-2 = H, Me; Y1-2 = normal alkyl, branched alkyl, cyclic alkyl, alkoxy, (un)substituted Ph, (un)substituted PhO]. Thus, 60 parts I (X1-2 = H, Y1-2 = C4H9) and 40 parts vinyl acetate were polymerized to give a polymer solution, 24 parts of which was mixed with 30 parts Cu2O and 10 parts phenyl(bispyridine)bismuth dichloride to give a composition with good antifouling property.

IT 28159-98-0 55406-53-6, 3-Iodo-2-propynylbutylcarbamate
64359-81-5
RL: USES (Uses)
(antifouling agents, diorganosilyl-having polymer coatings containing)

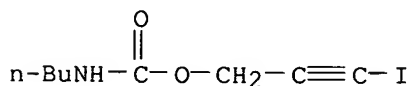
RN 28159-98-0 CAPLUS

CN. 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)- (9CI) (CA INDEX NAME)

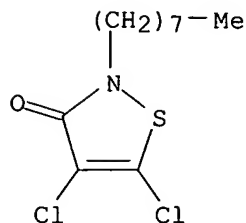


RN 55406-53-6 CAPLUS

CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



RN 64359-81-5 CAPLUS
CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)



L28 ANSWER 23 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1992:475787 CAPLUS

DOCUMENT NUMBER: 117:75787

TITLE: Pesticide chemicals manufacturing category effluent limitations guidelines, pretreatment standards, and new source performance standards

CORPORATE SOURCE: United States Environmental Protection Agency, Washington, DC, 20460, USA

SOURCE: Federal Register (1992), 57(70), 12560-601, 10 Apr 1992

CODEN: FEREAC; ISSN: 0097-6326

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Effluent limits, pretreatment stds. and performance stds. for new and existing facilities that manufacture pesticide active ingredients are proposed, under the Federal Clean Water Act. The manufacturers are categorized as those who make metalloorg. pesticide chems. (containing As, Cd, Cu, or Hg) and those who make organic pesticide chems. (including organotin compds.). Tables are given for active ingredient (94) limitations (daily maximum and monthly average) under best available technol. economically achievable and pretreatment stds. for existing sources, new source performance stds. and pretreatment stds. for new sources, and anal. methods (for 94 compds.). Addnl., effluent limitations (daily maximum and monthly average) for priority pollutants are proposed.

IT 834-12-8P, Ametryn 886-50-0P, Terbutryn

7287-19-6P, Prometryn 22936-75-0P, Belclene 310

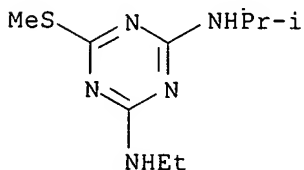
26530-20-1P, Oethilone 55406-53-6P

RL: MSC (Miscellaneous); PREP (Preparation)

(wastewater composition and treatment in manufacture of, stds. for)

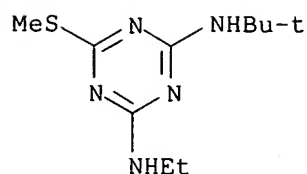
RN 834-12-8 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-ethyl-N'-(1-methylethyl)-6-(methylthio)- (9CI) (CA INDEX NAME)

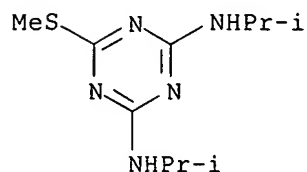


RN 886-50-0 CAPLUS

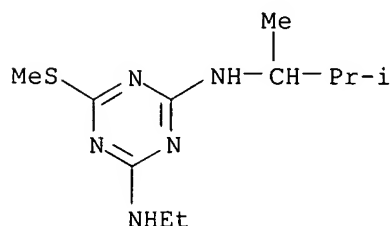
CN 1,3,5-Triazine-2,4-diamine, N-(1,1-dimethylethyl)-N'-ethyl-6-(methylthio)- (9CI) (CA INDEX NAME)



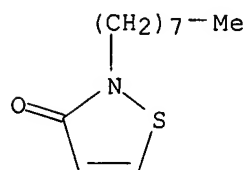
RN 7287-19-6 CAPLUS
 CN 1,3,5-Triazine-2,4-diamine, N,N'-bis(1-methylethyl)-6-(methylthio)- (9CI)
 (CA INDEX NAME)



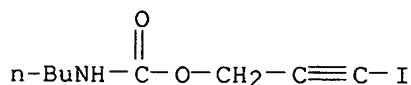
RN 22936-75-0 CAPLUS
 CN 1,3,5-Triazine-2,4-diamine, N-(1,2-dimethylpropyl)-N'-ethyl-6-(methylthio)-
 (9CI) (CA INDEX NAME)



RN 26530-20-1 CAPLUS
 CN 3(2H)-Isothiazolone, 2-octyl- (9CI) (CA INDEX NAME)



RN 55406-53-6 CAPLUS
 CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



L28 ANSWER 1 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2005:471844 CAPLUS
 DOCUMENT NUMBER: 143:28318
 TITLE: Micronized wood preservative formulations
 INVENTOR(S): Leach, Robert M.; Zhang, Jun
 PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 21 pp., Cont.-in-part of U.S. Ser. No. 821,326.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005118280	A1	20050602	US 2004-970446	20041021
US 2004258767	A1	20041223	US 2004-821326	20040409
PRIORITY APPLN. INFO.:			US 2003-461547P	P 20030409
			US 2003-518994P	P 20031111
			US 2004-821326	A2 20040409
			US 2004-568485P	P 20040506

AB The wood preservative compns. comprising micronized particles. The composition comprises dispersions of micronized metal or metal compds. The wood preservative composition comprises an inorg. component comprising a metal or metal compound and organic biocide. When the composition comprises an inorg. component and an organic biocide, the inorg. component or the organic biocide

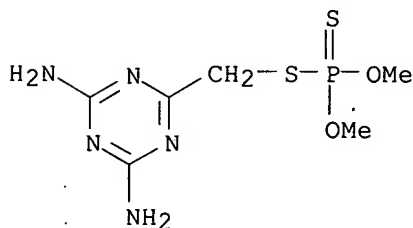
or both are present as micronized particles. When used for preservation of wood, the micronized particles can be observed as uniformly distributed within the wood and there is minimal leaching of the metal and biocide from the wood.

IT 78-57-9, Menazon 2682-20-4 26172-55-4
 26530-20-1 55406-53-6 55965-84-9, Kathon WT
 64359-81-5

RL: BUU (Biological use, unclassified); TEM (Technical or engineered material use); BIOL (Biological study); USES (Uses)
 (micronized wood preservative formulations comprising inorg. metal compds. and organic biocides)

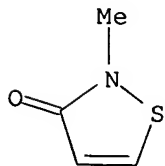
RN 78-57-9 CAPLUS

CN Phosphorodithioic acid, S-[(4,6-diamino-1,3,5-triazin-2-yl)methyl]
 O,O-dimethyl ester (9CI) (CA INDEX NAME)



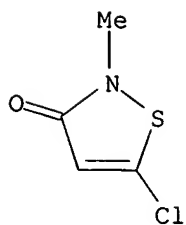
RN 2682-20-4 CAPLUS

CN 3(2H)-Isothiazolone, 2-methyl- (9CI) (CA INDEX NAME)

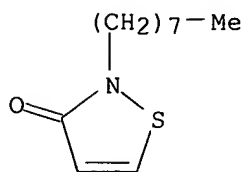


RN 26172-55-4 CAPLUS

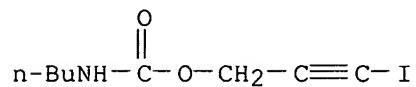
CN 3(2H)-Isothiazolone, 5-chloro-2-methyl- (9CI) (CA INDEX NAME)



RN 26530-20-1 CAPLUS
 CN 3(2H)-Isothiazolone, 2-octyl- (9CI) (CA INDEX NAME)



RN 55406-53-6 CAPLUS
 CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)

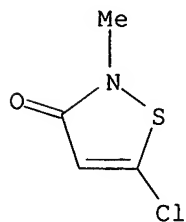


RN 55965-84-9 CAPLUS
 CN 3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (9CI) (CA INDEX NAME)

CM 1

CRN 26172-55-4

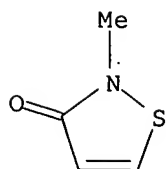
CMF C4 H4 Cl N O S



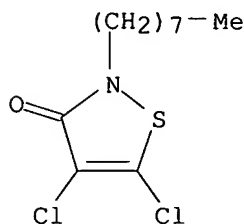
CM 2

CRN 2682-20-4

CMF C4 H5 N O S



RN 64359-81-5 CAPLUS
 CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)



L28 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2005:423700 CAPLUS
 DOCUMENT NUMBER: 142:443305
 TITLE: Copper salt of N'-hydroxy-N-cyclohexyldiazenium oxide
 as industrial bactericide, fungicide and algicide
 INVENTOR(S): Goettsche, Reimer; Huff, Juergen; Qureshi, Shoaib;
 Hodgkinson, Darren; Nicklin, Craig; Hettler, Wendelin;
 Roper, David Vincent
 PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany; Goettsche, Helga
 SOURCE: PCT Int. Appl., 21 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

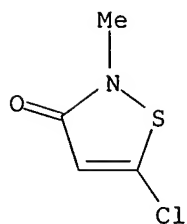
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005044010	A1	20050519	WO 2004-EP11024	20041002
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: GB 2003-26284 A 20031111
 AB Copper salt of N'-hydroxy-N-cyclohexyldiazenium oxide (CuHDO) and a
 diluent is useful for combating and/or killing bacteria, mold, yeast and
 algae in industrial materials and or industrial processes. In a preferred
 embodiment CuHDO is generated in-situ from a water-soluble salt of
 N'-hydroxy-N-cyclohexyldiazenium oxide and a Cu salt. Compns. may addnl.
 include at least one biocide.
 IT 851332-39-3 851332-45-1 851332-48-4
 851332-71-3 851333-01-2
 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
 (industrial bactericide, fungicide and algicide)

RN 851332-39-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

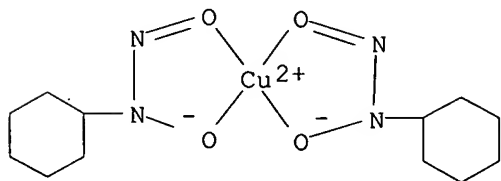
CM 1

CRN 26172-55-4
CMF C4 H4 Cl N O S



CM 2

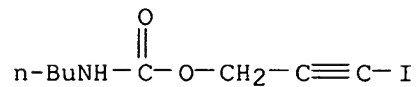
CRN 15627-09-5
CMF C12 H22 Cu N4 O4
CCI CCS



RN 851332-45-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

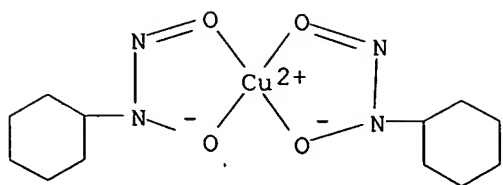
CM 1

CRN 55406-53-6
CMF C8 H12 I N O2



CM 2

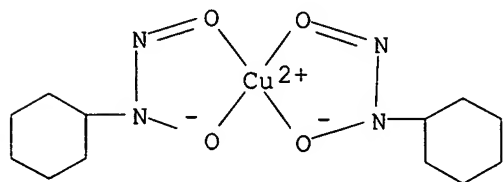
CRN 15627-09-5
CMF C12 H22 Cu N4 O4
CCI CCS



RN 851332-48-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

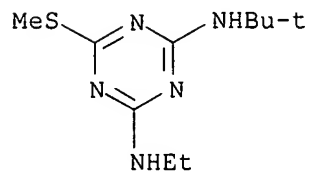
CM 1

CRN 15627-09-5
CMF C12 H22 Cu N4 O4
CCI CCS



CM 2

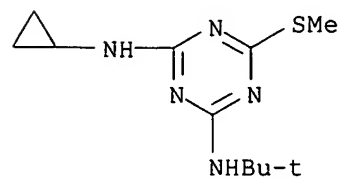
CRN 886-50-0
CMF C10 H19 N5 S



RN 851332-71-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

CM 1

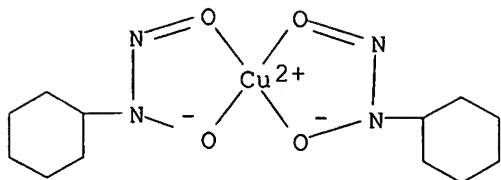
CRN 28159-98-0
CMF C11 H19 N5 S



CM 2

CRN 15627-09-5

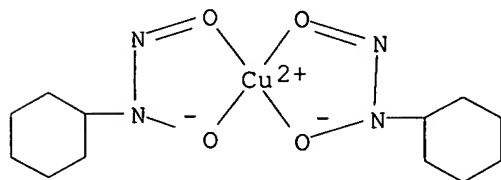
CMF C12 H22 Cu N4 O4
CCI CCS



RN 851333-01-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

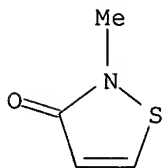
CM 1

CRN 15627-09-5
CMF C12 H22 Cu N4 O4
CCI CCS



CM 2

CRN 2682-20-4
CMF C4 H5 N O S



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L28 ANSWER 3 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:363758 CAPLUS

DOCUMENT NUMBER: 143:102583

TITLE: Monitoring of antifouling booster biocides in water and sediment from the port of Osaka, Japan

AUTHOR(S): Harino, Hiroya; Mori, Yoshiaki; Yamaguchi, Yoshitaka; Shibata, Kiyoshi; Senda, Tetsuya

CORPORATE SOURCE: Osaka City Institute of Public Health and Environmental Sciences, Osaka, 543-0026, Japan

SOURCE: Archives of Environmental Contamination and Toxicology (2005), 48(3), 303-310

CODEN: AEECTCV; ISSN: 0090-4341

PUBLISHER: Springer Science+Business Media, Inc.

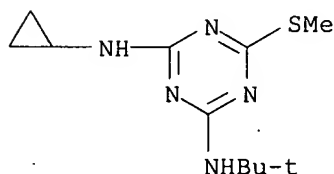
DOCUMENT TYPE: Journal

LANGUAGE: English

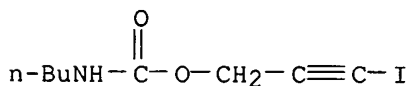
AB Concns. of booster antifouling compds. in the port of Osaka, Japan, were assessed. Concns. of Sea-Nine 211 (4,5-dichloro-2-n-octyl-3-isothiazolone), thiabendazole (2-(4-thiazolyl)-benzimidazole), IPBC (3-iodo-2-propynyl butylcarbamate), Diuron (3,4-dichlorophenyl-N,N-dimethylurea), Irgarol 1051 (2-methylthio-4-tert-butylamino-6-cyclopropylamino-s-triazine), and M1 (2-methylthio-4-tert-butylamino-6-amino-s-triazine) in port water samples were <0.003-0.004, <0.0008-0.020, <0.0007-1.54, <0.0008-0.267, and <0.0019-0.167 µg/L, resp. IPBC was not detected in the water samples, but the concentration of Diuron was higher than any previously reported. The concns. of Sea-Nine 211, thiabendazole, Diuron, Irgarol 1051, and M1 in sediment samples were <0.04-2.4, <0.08-1.2, <0.64-1350, <0.08-8.2, and <0.18-2.9 µg/Kg dry, resp. IPBC was again not detected. The levels of Sea-Nine 211, Diuron, and Irgarol 1051 in water and sediment samples were high in a poorly flushed mooring area for small and medium-hull vessels. Levels of Diuron and Irgarol 1051 were highest in summer. The concentration of Sea-Nine 211 in water increased between August and Oct. 2002. Except for M1, increases in the levels of booster biocides in sediment were observed during the study period. The sediment-water partition (Kd) was calculated by dividing the concns. in sediment by the concns. in water. The Kd values for Sea-Nine 211, thiabendazole, Diuron, Irgarol 1051, and M1 were 690, 180, 2700, 300, and 870. The Kd value for these alternative compds. was lower than for TBT.

IT 28159-98-0, Irgarol 1051 55406-53-6, IPBC 64359-81-5, Sea-Nine 211
 RL: POL (Pollutant); OCCU (Occurrence)
 (monitoring antifouling booster biocides in water and sediment from Port Osaka, Japan)

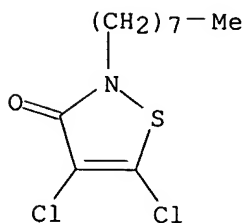
RN 28159-98-0 CAPLUS
 CN 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)- (9CI) (CA INDEX NAME)



RN 55406-53-6 CAPLUS
 CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



RN 64359-81-5 CAPLUS
 CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L28 ANSWER 4 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:825132 CAPLUS
DOCUMENT NUMBER: 141:320093
TITLE: Microbicidal composition
INVENTOR(S): Heer, Beat; Tiedtke, Gerhard; Hegarty, Bryan Martin
PATENT ASSIGNEE(S): Switz.
SOURCE: U.S. Pat. Appl. Publ., 4 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004198729	A1	20041007	US 2004-812040	20040329
JP 2004307482	A2	20041104	JP 2004-82174	20040322
BR 2004000788	A	20050628	BR 2004-788	20040326
EP 1468608	A2	20041020	EP 2004-251954	20040401
EP 1468608	A3	20041208		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
CN 1535582	A	20041013	CN 2004-10033348	20040402

PRIORITY APPLN. INFO.: US 2003-460948P P 20030407

OTHER SOURCE(S): MARPAT 141:320093

AB A microbicidal composition containing: (a) at least one 2-alkyl-4-isothiazolin-3-

one; (b) at least one halopropynyl carbamate; and (c) at least one sulfur-containing s-triazine.

IT 886-50-0 26530-20-1 28159-98-0

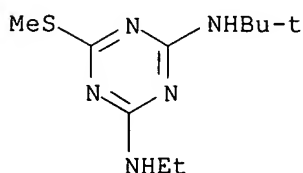
55406-53-6 64359-81-5 129348-50-1

RL: PEP (Physical, engineering or chemical process); PYP (Physical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)

(microbicidal composition containing an alkylisothiazolinone, a halopropynyl carbamate, and a sulfur-containing s-triazine)

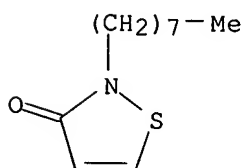
RN 886-50-0 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-(1,1-dimethylethyl)-N'-ethyl-6-(methylthio)-(9CI) (CA INDEX NAME)



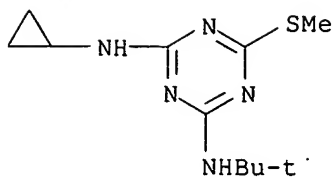
RN 26530-20-1 CAPLUS

CN 3(2H)-Isothiazolone, 2-octyl- (9CI) (CA INDEX NAME)

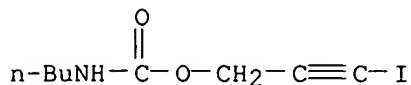


RN 28159-98-0 CAPLUS

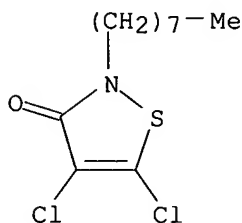
CN 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)- (9CI) (CA INDEX NAME)



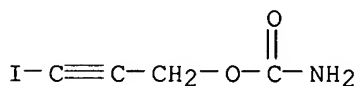
RN 55406-53-6 CAPLUS
 CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



RN 64359-81-5 CAPLUS
 CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)



RN 129348-50-1 CAPLUS
 CN 2-Propyn-1-ol, 3-iodo-, carbamate (9CI) (CA INDEX NAME)



L28 ANSWER 5 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2004:825127 CAPLUS
 DOCUMENT NUMBER: 141:320091
 TITLE: Microbicidal composition
 INVENTOR(S): Heer, Beat; Tiedtke, Gerhard; Hegarty, Bryan Martin
 PATENT ASSIGNEE(S): Switz.
 SOURCE: U.S. Pat. Appl. Publ., 4 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004198713	A1	20041007	US 2004-811518	20040329
JP 2004315507	A2	20041111	JP 2004-82164	20040322
BR 2004000787	A	20050628	BR 2004-787	20040326
EP 1466526	A2	20041013	EP 2004-251945	20040401
EP 1466526	A3	20041124		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR

CN 1535581 A 20041013 CN 2004-10033347 20040402
PRIORITY APPLN. INFO.: US 2003-460925P P 20030407
OTHER SOURCE(S): MARPAT 141:320091
AB A microbicidal composition containing (a) at least one sulfur-containing
s-triazine,

(b) at least one pyrithione metal salt, and (c) at least one addnl.
microbicide selected from 2-alkyl-4-isothiazolin-3-ones and halopropynyl
carbamates is disclosed.

IT 886-50-0 26530-20-1 28159-98-0

64359-81-5 129348-50-1

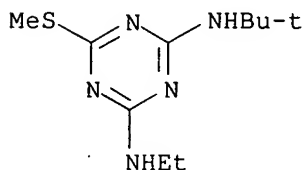
RL: PEP (Physical, engineering or chemical process); PYP (Physical
process); THU (Therapeutic use); BIOL (Biological study); PROC (Process);
USES (Uses)

(microbicidal composition containing an s-triazine, a pyrithione metal
salt, and

an alkylisothiazolinone or halopropynyl carbamate)

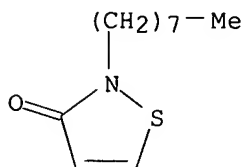
RN 886-50-0 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-(1,1-dimethylethyl)-N'-ethyl-6-(methylthio)-
(9CI) (CA INDEX NAME)



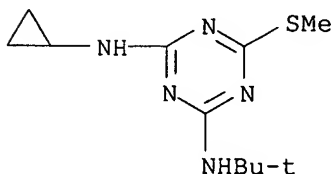
RN 26530-20-1 CAPLUS

CN 3(2H)-Isothiazolone, 2-octyl- (9CI) (CA INDEX NAME)



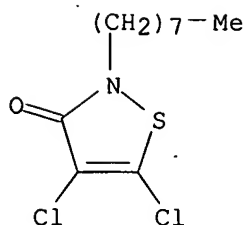
RN 28159-98-0 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-
(methylthio)- (9CI) (CA INDEX NAME)

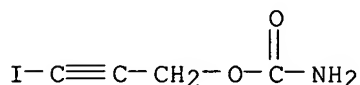


RN 64359-81-5 CAPLUS

CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)



RN 129348-50-1 CAPLUS
 CN 2-Propyn-1-ol, 3-iodo-, carbamate (9CI) (CA INDEX NAME)



L28 ANSWER 6 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2004:371017 CAPLUS
 DOCUMENT NUMBER: 140:359036
 TITLE: Antifouling coating composition, antifouling coating films, and ships, underwater structures, fishing gear and fishing nets covered therewith
 INVENTOR(S): Okimoto, Hiroyuki; Mukunoki, Yasuo; Ashida, Toshihiko; Ono, Masashi
 PATENT ASSIGNEE(S): Chugoku Marine Paints, Ltd., Japan
 SOURCE: PCT Int. Appl., 71 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004037932	A1	20040506	WO 2002-JP13244	20021218
W: CN, IN, JP, KR, NO, SG, US				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR				
EP 1457531	A1	20040915	EP 2002-790807	20021218
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR, BG, CZ, EE, SK				
US 2005065232	A1	20050324	US 2004-498821	20040623
PRIORITY APPLN. INFO.:			JP 2002-308820	A 20021023
			WO 2002-JP13244	W 20021218

AB The present invention relates to an antifouling coating composition substantially free from cuprous oxide and organotin containing (A) a metal-containing copolymer obtained by copolymerizing a metal-containing polymerizable unsaturated monomer with a metal-free radical-polymerizable unsaturated monomer, (B) 4,5-dichloro-2-n-octyl-4-isothiazolin-3-one, and (C) a metal pyrithione compound. The invention provides (i) an antifouling coating composition which is reduced in load on the environment and is excellent in antifouling properties, uniformity of coating film depletion, and long-term retention of antifouling properties of the coating film, (ii) antifouling coating films, and (iii) ships, underwater structures, fishing gear and fishing nets, covered with the films. Thus, 44.8% a monomer mixture solution comprising zinc salt of methacrylic acid and acrylic acid 52, Me methacrylate 1, Et acrylate 70.2, and 2-methoxyethyl acrylate 5.4 were polymerized to give a 45.6% copolymer solution, 45 parts of which was mixed with

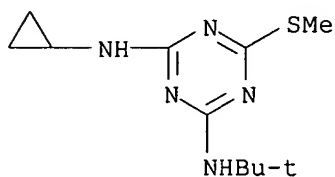
zinc oxide 10, TTK Talc 17, red iron oxide 2, R 5N titanium white 4, AF-Z 2-pyridinethiol-1-oxide zinc salt 3, 30% Sea-Nine 211 4,5-dichloro-2-n-octylisothiazolin-3-one solution 10, Disparlon 4200-10 2, Disparlon A 603-20X 3, xylene 2, and propylene glycol monomethyl ether 2 parts, applied on an anticorrosion coat-treated sand blasting steel plate, and dried to give a test piece with good antifouling to sea water, adhesion, and uniform coating depletion.

IT 28159-98-0, Irgarol 1051 55406-53-6, Troysan Polyphase P 100 64359-81-5, Sea-Nine 211

RL: MOA (Modifier or additive use); USES (Uses)
(antifouling coating compns. for antifouling coating films, ships, underwater structures, fishing gears, and fishing nets)

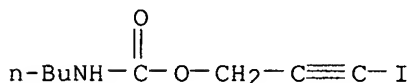
RN 28159-98-0 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)- (9CI) (CA INDEX NAME)



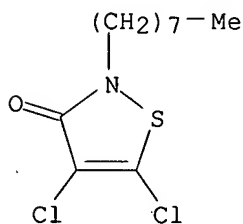
RN 55406-53-6 CAPLUS

CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



RN 64359-81-5 CAPLUS

CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)



L28 ANSWER 7 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:2967 CAPLUS

DOCUMENT NUMBER: 140:61138

TITLE: Coating materials with biocide-containing microcapsules

INVENTOR(S): Baum, Ruediger; Antoni-Zimmermann, Dagmar; Wunder, Thomas; Schmidt, Hans-Juergen

PATENT ASSIGNEE(S): Thor Gmbh, Germany

SOURCE: PCT Int. Appl., 29 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.

KIND

DATE

APPLICATION NO.

DATE

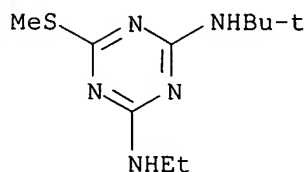
WO 2004000953	A1	20031231	WO 2002-EP6806	20020619
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1519995	A1	20050406	EP 2002-762295	20020619
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
US 2004234603	A1	20041125	US 2004-489842	20040315
PRIORITY APPLN. INFO.:			WO 2002-EP6806	W 20020619

AB A coating material for protection against microorganism growth on surfaces exposed to moisture or water has a pH value of at least 11.0 or is provided with a base material having a pH value of at least 11.0, the coating material containing a biocide bonded to solid particles in a carrier material and released in a delayed manner. The coating material can be a plaster having a silicate, mineral or polymer resin binder, or a primer based on a silicate or polymer resin binder. The biocide can be encapsulated into formaldehyde-melamine resin or bonded to solid particles of porous ceramic materials or zeolites. Thus, a plaster having pH 11.5 was produced, the plaster comprising Bu acrylate-styrene copolymer (Acronal 290D), calcium carbonate (Omyacarb 40GU, Omyacarb 130GU) and an Al-Mg silicate (Plastorit 05) as binder major components, as well as formaldehyde-melamine resin-encapsulated zinc 2-pyridinethiol-1-oxide biocide. The biocide content in the plaster decreased from 531 ppm to 21 ppm upon exposure to water for 10 days, a plaster containing unencapsulated zinc 2-pyridinethiol-1-oxide had the biocide content decreased from 568 ppm to 2 ppm in 2 days.

IT 886-50-0 26530-20-1, 2-n-Octylisothiazolin-3-one
55406-53-6, Acticide IPW 50 64359-81-5,
4,5-Dichloro-2-octylisothiazolin-3-one
RL: MOA (Modifier or additive use); USES (Uses)
(coating materials with biocide-containing microcapsules)

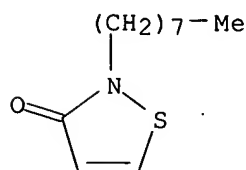
RN 886-50-0 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-(1,1-dimethylethyl)-N'-ethyl-6-(methylthio)-(9CI) (CA INDEX NAME)



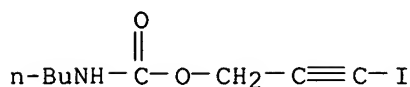
RN 26530-20-1 CAPLUS

CN 3(2H)-Isothiazolone, 2-octyl- (9CI) (CA INDEX NAME)



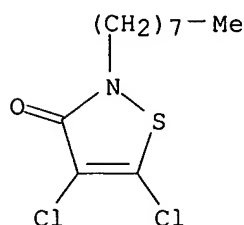
RN 55406-53-6 CAPLUS

CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



RN 64359-81-5 CAPLUS

CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L28 ANSWER 8 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:717717 CAPLUS

DOCUMENT NUMBER: 139:232032

TITLE: Method and systems for exterior insulation of a structure

INVENTOR(S): Calvo, Luis; Khan, Samsodeen; Pergament, Glenn; Noskin, Steve

PATENT ASSIGNEE(S): Vitricon, Inc., USA

SOURCE: U.S. Pat. Appl. Publ., 10 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

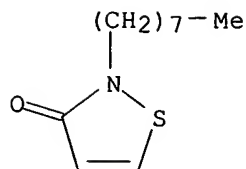
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003171047	A1	20030911	US 2003-382272	20030305
PRIORITY APPLN. INFO.:			US 2002-362109P	P 20020305

AB An insulation coating system for insulating a structure comprises 3-layer flexible moisture barrier coatings, (1) a first coating comprising an elastomeric acrylic resin and an antimicrobial, (2) a second coating comprising an acrylic resin, a cement and fibers, and (3) a third coating comprising an elastomeric acrylic resin, a H2O repellent, an aggregate and an antimicrobial. The coatings adhere to the structure with an insubstantial amount of interfacial voids, and prevent a substantial amount of moisture from contacting the surface of the substrate.

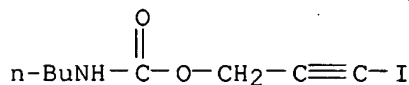
IT 26530-20-1, Skane M-8 186591-92-4, Polyphase 600
RL: MOA (Modifier or additive use); USES (Uses)
(antimicrobial; in breathable three layer antimicrobial elastomeric acrylic resin/reinforced acrylic resin/water repellent containing elastomeric acrylic resin system for building material structure)

RN 26530-20-1 CAPLUS

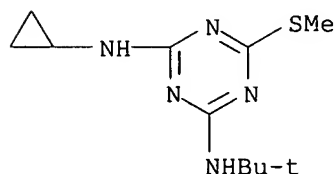
CN 3(2H)-Isothiazolone, 2-octyl- (9CI) (CA INDEX NAME)



RN 186591-92-4 CAPLUS
 CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester, mixt. with
 N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)-1,3,5-triazine-2,4-
 diamine (9CI) (CA INDEX NAME)
 CM 1
 CRN 55406-53-6
 CMF C8 H12 I N O2



CM 2
 CRN 28159-98-0
 CMF C11 H19 N5 S

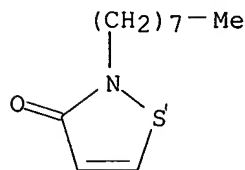


L28 ANSWER 9 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2003:628053 CAPLUS
 DOCUMENT NUMBER: 139:151137
 TITLE: Bactericidal and antifouling coating containing
 poly(hexamethyleneguanidine) for structure on grounds
 INVENTOR(S): Someya, Norihisa; Tsudome, Takayuki; Kim, Jin-man;
 Che, Ki-sung
 PATENT ASSIGNEE(S): Daiwa Chemical Industries Co., Ltd., Japan; Sk
 Chemical Ltd.
 SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

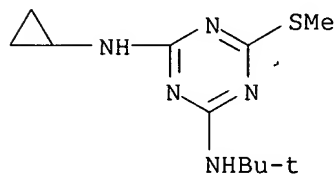
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003226846	A2	20030815	JP 2002-64492	20020204
PRIORITY APPLN. INFO.:			JP 2002-64492	20020204
AB The coating, used for building walls, kitchen walls, etc., contains poly(hexamethyleneguanidine) phosphate (I). Alternatively, the coating contains poly(hexamethyleneguanidine) salts with inorg. acids, e.g., HCl, H2SO4, HNO3, etc., or organic acids, e.g., carboxylic acids, etc. Thus, a				

mixture of I 8.0, an acrylic resin emulsion 40.0, and water 52.0 parts was applied on a wood test piece, which was subjected to accelerated weathering test for 500 h to show retention of adhesive strength and no discoloration on the surface.

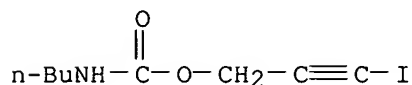
IT 26530-20-1, 2-Octyl-4-isothiazolin-3-one 28159-98-0
 55406-53-6, 3-Iodo-2-propynylbutyl carbamate 64359-81-5,
 4,5-Dichloro-2-octyl-4-isothiazolin-3-one
 RL: MOA (Modifier or additive use); USES (Uses)
 (in bactericidal antifouling coating containing
 poly(hexamethyleneguanidine) salt for structure on grounds)
 RN 26530-20-1 CAPLUS
 CN 3(2H)-Isothiazolone, 2-octyl- (9CI) (CA INDEX NAME)



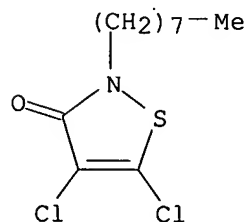
RN 28159-98-0 CAPLUS
 CN 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)- (9CI) (CA INDEX NAME)



RN 55406-53-6 CAPLUS
 CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



RN 64359-81-5 CAPLUS
 CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)



L28 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2003:628052 CAPLUS
 DOCUMENT NUMBER: 139:151136
 TITLE: Antifouling coating containing
 poly(hexamethyleneguanidine) salt
 INVENTOR(S): Someya, Norio; Tsuru, Takayuki; Kim, Jin-man; Che,

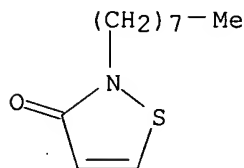
PATENT ASSIGNEE(S): Ki-sun
 Daiwa Chemical Industries Co., Ltd., Japan; Sk
 Chemical Ltd.
 SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003226845	A2	20030815	JP 2002-64491	20020204
PRIORITY APPLN. INFO.:			JP 2002-64491	20020204

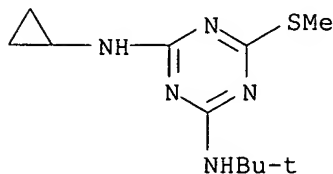
AB The marine antifouling coating, which is used for fish nets, ship, and marine structures, contains poly(hexamethyleneguanidine) phosphate (I). Alternatively, the antifouling coating contains poly(hexamethyleneguanidine) salts with inorg. acids, e.g., HCl, H₂SO₄, HNO₃, etc., or organic acids, e.g., carboxylic acids, etc., which is used as bactericidal coatings on structures on grounds. Thus, a polyethylene fish net was impregnated with a mixture of I 10.0, an acrylic resin emulsion 40.0, and water 50.0 parts then soaked in seawater for 6 mo to show antifouling effect.

IT 26530-20-1, 2-Octyl-4-isothiazolin-3-one 28159-98-0
 55406-53-6, 3-Iodo-2-propynylbutyl carbamate 64359-81-5,
 4,5-Dichloro-2-octyl-4-isothiazolin-3-one
 RL: MOA (Modifier or additive use); USES (Uses)
 (in marine antifouling coating containing poly(hexamethyleneguanidine) phosphate)

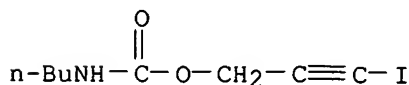
RN 26530-20-1 CAPLUS
 CN 3(2H)-Isothiazolone, 2-octyl- (9CI) (CA INDEX NAME)



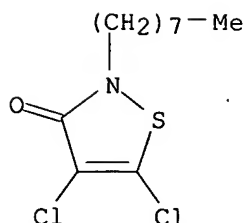
RN 28159-98-0 CAPLUS
 CN 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)- (9CI) (CA INDEX NAME)



RN 55406-53-6 CAPLUS
 CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



RN 64359-81-5 CAPLUS
 CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)



L28 ANSWER 11 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2003:582364 CAPLUS
 DOCUMENT NUMBER: 139:129406
 TITLE: Synergistic antimicrobial agents containing quaternary ammonium salts
 INVENTOR(S): Kubota, Takao; Tanaka, Shoji; Matsuhisa, Shigeyoshi
 PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 34 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003212706	A2	20030730	JP 2002-331715	20021115
PRIORITY APPLN. INFO.:			JP 2001-353771	A 20011119

OTHER SOURCE(S): MARPAT 139:129406

AB The agents for control of bacteria, fungi, yeast, and algae, contain bis(quaternary ammonium) salts and ≥ 1 compound selected from isothiazolines, nitro alcs., dithiols, thiophenes, haloacetylenes, phthalimides, haloalkylthio compds., pyrithiones, phenylureas, triazines, guanidines, triazoles, and benzimidazoles. Concomitant addition of Dibnirol A 75 (2,2-dibromo-2-nitro-1-ethanol; DBNE) and Dimer 38 [N,N'-hexamethylenebis(4-carbamoyl-1-decylpyridiniumbromide); HMDP-Br] showed synergistic antimicrobial effects in a mixed culture containing *Serratia marcescens*, *Escherichia coli*, and *Pseudomonas aeruginosa* with min. inhibitory concns. of 3 ppm for DBNE and 0.2 ppm for HMDP-Br.

IT 501940-47-2 501940-55-2 568583-81-3
 568583-83-5 568583-88-0 569370-97-4

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (synergistic industrial microbicides containing bis(quaternary ammonium) salts)

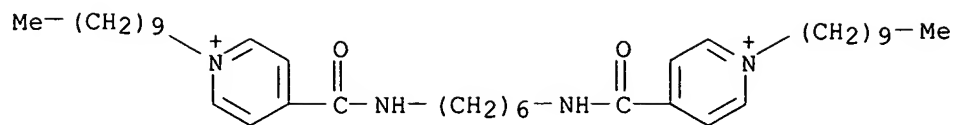
RN 501940-47-2 CAPLUS

CN Pyridinium, 4,4'-[1,6-hexanediylbis(iminocarbonyl)]bis[1-decyl-, dibromide, mixt. with 2-octyl-3(2H)-isothiazolone (9CI) (CA INDEX NAME)

CM 1

CRN 190513-77-0

CMF C38 H64 N4 O2 . 2 Br

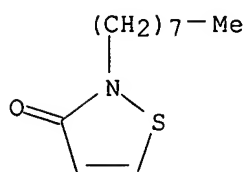


● 2 Br⁻

CM 2

CRN 26530-20-1

CMF C11 H19 N O S



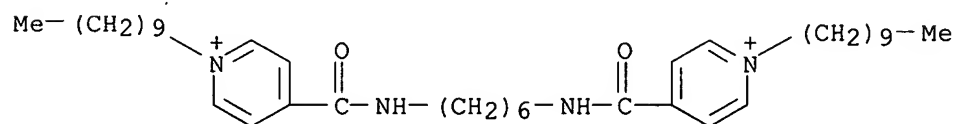
RN 501940-55-2 CAPLUS

CN Pyridinium, 4,4'-[1,6-hexanediylbis(iminocarbonyl)]bis[1-decyl-,
dibromide, mixt. with 2-methyl-3(2H)-isothiazolone (9CI) (CA INDEX NAME)

CM 1

CRN 190513-77-0

CMF C38 H64 N4 O2 . 2 Br

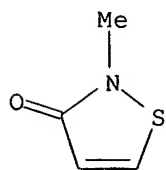


● 2 Br⁻

CM 2

CRN 2682-20-4

CMF C4 H5 N O S



RN 568583-81-3 CAPLUS

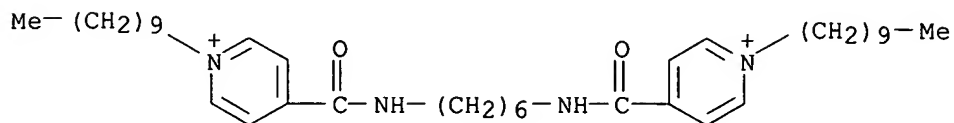
CN Pyridinium, 4,4'-[1,6-hexanediylbis(iminocarbonyl)]bis[1-decyl-,

dibromide, mixt. with N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)-1,3,5-triazine-2,4-diamine (9CI) (CA INDEX NAME)

CM 1

CRN 190513-77-0

CMF C38 H64 N4 O2 . 2 Br

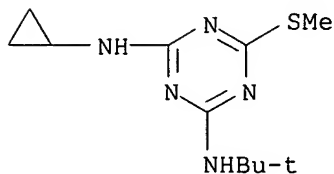


● 2 Br⁻

CM 2

CRN 28159-98-0

CMF C11 H19 N5 S



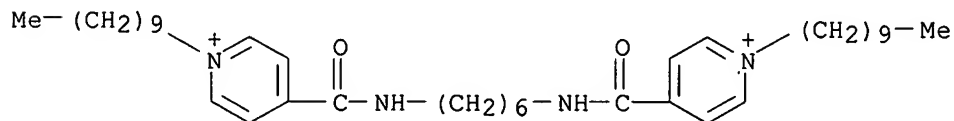
RN 568583-83-5 CAPLUS

CN Pyridinium, 4,4'-[1,6-hexanediylbis(iminocarbonyl)]bis[1-decyl-, dibromide, mixt. with 3-iodo-2-propynyl butylcarbamate (9CI) (CA INDEX NAME)

CM 1

CRN 190513-77-0

CMF C38 H64 N4 O2 . 2 Br

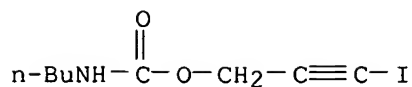


● 2 Br⁻

CM 2

CRN 55406-53-6

CMF C8 H12 I N O2



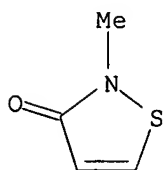
RN 568583-88-0 CAPLUS

CN Pyridinium, 4,4'-[1,6-hexanediylbis(iminocarbonyl)]bis[1-decyl-, diacetate, mixt. with 2-methyl-3(2H)-isothiazolone (9CI) (CA INDEX NAME)

CM 1

CRN 2682-20-4

CMF C4 H5 N O S



CM 2

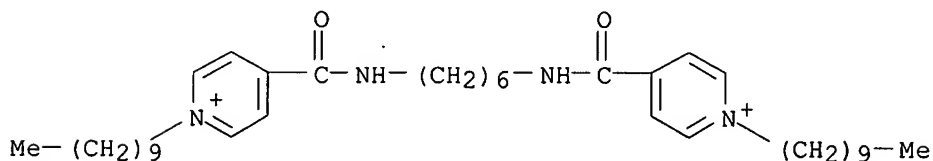
CRN 265996-50-7

CMF C38 H64 N4 O2 . 2 C2 H3 O2

CM 3

CRN 50569-15-8

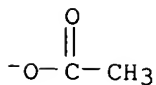
CMF C38 H64 N4 O2



CM 4

CRN 71-50-1

CMF C2 H3 O2

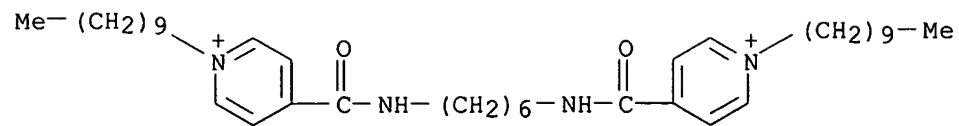


RN 569370-97-4 CAPLUS

CN Pyridinium, 4,4'-[1,6-hexanediylbis(iminocarbonyl)]bis[1-decyl-, dibromide, mixt. with 5-chloro-2-methyl-3(2H)-isothiazolone, 4,5-dichloro-3H-1,2-dithiol-3-one, N,4-dihydroxy- α -oxobenzeneethanimidoyl chloride and 2-methyl-3(2H)-isothiazolone (9CI) (CA INDEX NAME)

CM 1

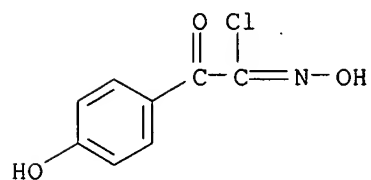
CRN 190513-77-0
 CMF C38 H64 N4 O2 . 2 Br



● 2 Br⁻

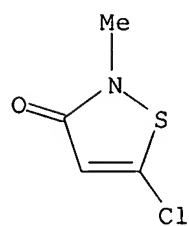
CM 2

CRN 34911-46-1
 CMF C8 H6 Cl N O3



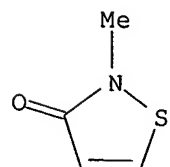
CM 3

CRN 26172-55-4
 CMF C4 H4 Cl N O S



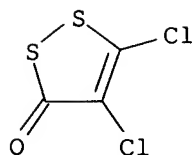
CM 4

CRN 2682-20-4
 CMF C4 H5 N O S



CM 5

CRN 1192-52-5
CMF C3 C12 O S2



L28 ANSWER 12 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:830044 CAPLUS
DOCUMENT NUMBER: 137:321558
TITLE: Water-, weather-, and alkali-resistant algicides for industrial use
INVENTOR(S): Kubota, Takao
PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

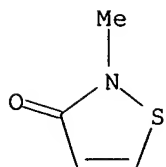
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002316903	A2	20021031	JP 2001-289108	20010921
PRIORITY APPLN. INFO.:			JP 2001-38318	A 20010215
OTHER SOURCE(S):	MARPAT 137:321558			

AB The algicides, useful for coatings, adhesives, etc., contain triazines, isothiazolines, and haloacetylenes. An acrylic emulsion coating containing 0.5 weight% of a xylene solution containing Irgarol 1071 (2-methylthio-4-tert-butylamino-6-cyclopropylamino-s-triazine) 5.1, Kathon 893T (2-n-octyl-4-isothiazolin-3-one) 5.1, and Troysan Polyphase P 100 (3-iodo-2-propynyl butylcarbamate) 7.5 weight% was applied on filter paper, dried, immersed in H₂O for 24 h, dried, immersed in H₂O for 24 h, and dried to form a coating film, which completely inhibited Chlamydomonas reinhardtii, Euglena gracilis, and Chlorella even after light irradiation for 4 wk.

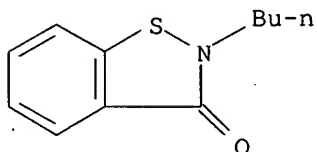
IT 2682-20-4D, 2-Methyl-4-isothiazolin-3-one, mixts. containing
4299-07-4D, mixts. containing 22936-75-0D, mixts. containing
26172-55-4D, 5-Chloro-2-methyl-4-isothiazolin-3-one, mixts. containing
26530-20-1D, 2-n-Octyl-4-isothiazolin-3-one, mixts. containing
26530-24-5D, mixts. containing 28159-98-0D,
2-Methylthio-4-tert-butylamino-6-cyclopropylamino-s-triazine, mixts.
containing 55406-53-6D, 3-Iodo-2-propynyl butylcarbamate, mixts.
containing 64359-80-4D, 4-Chloro-2-octyl-4-isothiazolin-3-one,
mixts. containing 64359-81-5D, 4,5-Dichloro-2-n-octyl-4-isothiazolin-
3-one, mixts. containing 82633-79-2D, 2-Methyl-4,5-trimethylene-4-
isothiazolin-3-one, mixts. containing 473544-48-8
473544-49-9

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); MOA (Modifier or additive use); TEM (Technical or engineered material use); BIOL (Biological study); USES (Uses)
(water-, weather-, and alkali-resistant algicides containing triazines, isothiazolines, and haloacetylenes for industrial use)

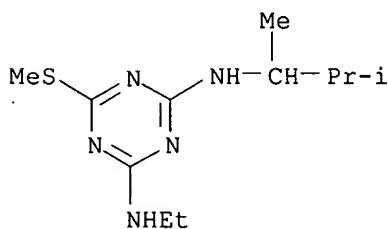
RN 2682-20-4 CAPLUS
CN 3(2H)-Isothiazolone, 2-methyl- (9CI) (CA INDEX NAME)



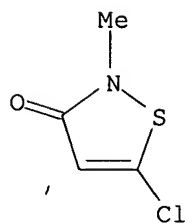
RN 4299-07-4 CAPLUS
 CN 1,2-Benzisothiazol-3(2H)-one, 2-butyl- (9CI) (CA INDEX NAME)



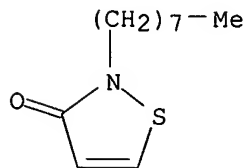
RN 22936-75-0 CAPLUS
 CN 1,3,5-Triazine-2,4-diamine, N-(1,2-dimethylpropyl)-N'-ethyl-6-(methylthio)- (9CI) (CA INDEX NAME)



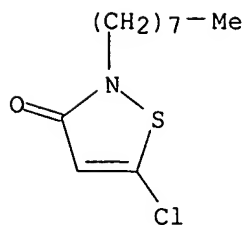
RN 26172-55-4 CAPLUS
 CN 3(2H)-Isothiazolone, 5-chloro-2-methyl- (9CI) (CA INDEX NAME)



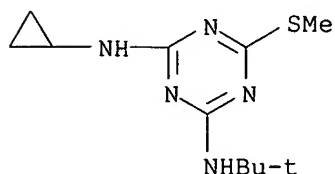
RN 26530-20-1 CAPLUS
 CN 3(2H)-Isothiazolone, 2-octyl- (9CI) (CA INDEX NAME)



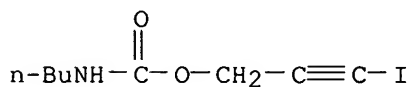
RN 26530-24-5 CAPLUS
 CN 3(2H)-Isothiazolone, 5-chloro-2-octyl- (9CI) (CA INDEX NAME)



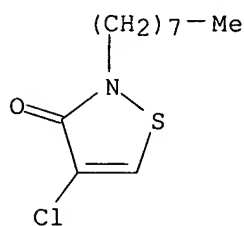
RN 28159-98-0 CAPLUS
 CN 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)- (9CI) (CA INDEX NAME)



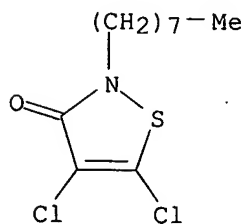
RN 55406-53-6 CAPLUS
 CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



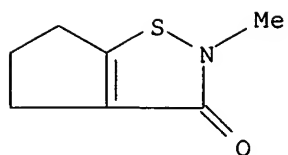
RN 64359-80-4 CAPLUS
 CN 3(2H)-Isothiazolone, 4-chloro-2-octyl- (9CI) (CA INDEX NAME)



RN 64359-81-5 CAPLUS
 CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)



RN 82633-79-2 CAPLUS
 CN 2H-Cyclopent[d]isothiazol-3(4H)-one, 5,6-dihydro-2-methyl- (9CI) (CA INDEX NAME)



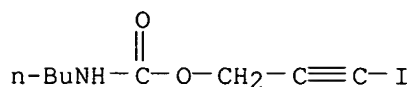
RN 473544-48-8 CAPLUS

CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester, mixt. with
N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)-1,3,5-triazine-2,4-
diamine and 2-octyl-3(2H)-isothiazolone (9CI) (CA INDEX NAME)

CM 1

CRN 55406-53-6

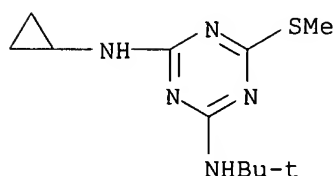
CMF C8 H12 I N O2



CM 2

CRN 28159-98-0

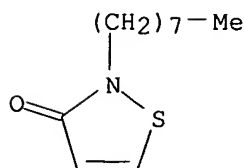
CMF C11 H19 N5 S



CM 3

CRN 26530-20-1

CMF C11 H19 N O S



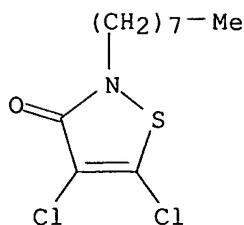
RN 473544-49-9 CAPLUS

CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester, mixt. with
N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)-1,3,5-triazine-2,4-
diamine and 4,5-dichloro-2-octyl-3(2H)-isothiazolone (9CI) (CA INDEX
NAME)

CM 1

CRN 64359-81-5

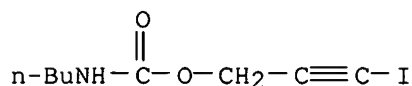
CMF C11 H17 Cl2 N O S



CM 2

CRN 55406-53-6

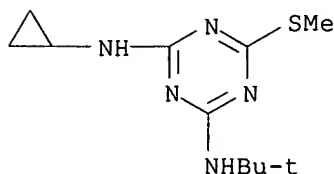
CMF C8 H12 I N O2



CM 3

CRN 28159-98-0

CMF C11 H19 N5 S



L28 ANSWER 13 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:706210 CAPLUS

DOCUMENT NUMBER: 135:340403

TITLE: The environmental fate and behaviour of antifouling paint booster biocides: A review

AUTHOR(S): Thomas, K. V.

CORPORATE SOURCE: Centre for Environment, Fisheries and Aquaculture Science, CEFAS Burnham Laboratory, Burnham on Crouch, CM0 8HA, UK

SOURCE: Biofouling (2001), 17(1), 73-86

CODEN: BFOUEC; ISSN: 0892-7014

PUBLISHER: Harwood Academic Publishers

DOCUMENT TYPE: Journal; General Review

LANGUAGE: English

AB A review with refs. Antifouling paint booster biocides are a group of organic compds. added to antifouling paints to improve their efficacy. They have become prevalent since the requirement for alternative antifouling paints formulations for small boats (<25m). This need followed a ban on the use of triorganotin biocides in antifouling paints for small boats, in the late 1980's. Worldwide, around eighteen compds. are currently used as antifouling biocides, viz. benzmethanamide, chlorothalonil, copper pyrithione, dichlofluanid, diuron, fluorofolpet, Irgarol 1051, Sea-Nine 211, Mancozeb, Polyphase, pyridine-triphenylborane, TCMS (2,3,5,6-tetrachloro-4-methylsulfonyl pyridine), TCMTB [2-(thiocyanomethylthio)benzothiazole], Thiram, tolylfluanid, zinc

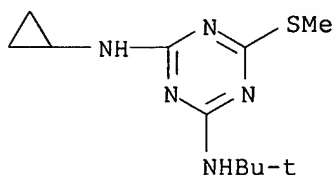
pyrithione (ZPT), ziram and Zineb. Any booster biocide released into the environment is subjected to a complex set of processes. These processes include transport mechanisms, transformation, degradation, cross media partitioning, and bioaccumulation. This paper reviews the fate and behavior data currently available in the public domain concerning antifouling paint booster biocides.

IT 28159-98-0, Irgarol 1051 55406-53-6, Polyphase
64359-81-5, Sea-Nine 211

RL: BPR (Biological process); BSU (Biological study, unclassified); BUU (Biological use, unclassified); PEP (Physical, engineering or chemical process); BIOL (Biological study); PROC (Process); USES (Uses)
(environmental fate and behavior of antifouling paint booster biocides)

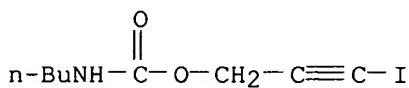
RN 28159-98-0 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)- (9CI) (CA INDEX NAME)



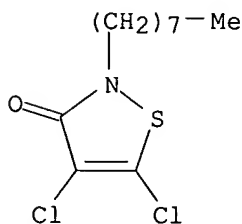
RN 55406-53-6 CAPLUS

CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



RN 64359-81-5 CAPLUS

CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 51 THERE ARE 51 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L28 ANSWER 14 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:578597 CAPLUS

DOCUMENT NUMBER: 135:124156

TITLE: Bactericide combinations in detergents

INVENTOR(S): Elsmore, Richard; Houghton, Mark Phillip

PATENT ASSIGNEE(S): Robert McBride Ltd., UK

SOURCE: Brit. UK Pat. Appl., 53 pp.

CODEN: BAXXDU

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
------------	------	------	-----------------	------

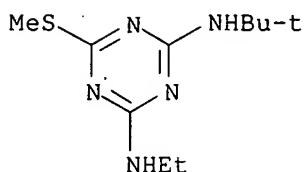
GB 2354771	A1	20010404	GB 1999-23253	19991001
PRIORITY APPLN. INFO.:			GB 1999-23253	19991001

AB The detergent comprises a bactericide in combination with an anionic, cationic, nonionic or amphoteric surfactant which has a C12-18 alkyl group as the longest chain attached to the hydrophilic moiety. Creduret 50 (hydrogenated ethoxylated castor oil) 50, citric acid 12, formalin 10, sodium alkyl benzene sulfonate (C12-20) alkyl 1, perfume white line 0.5, detergent enzyme savingase 0.2, and bactericide Pr 4-hydroxybenzoate 1.0 parts formed a detergent, showing reduction activity after contact 2.

IT 886-50-0 2682-20-4 4299-07-4 7287-19-6
 22936-75-0 26172-55-4 26530-03-0
 26530-20-1 28159-98-0 55406-53-6
 55965-84-9 64359-81-5 82633-79-2
 RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
 BIOL (Biological study); USES (Uses)
 (bactericide combinations in detergents)

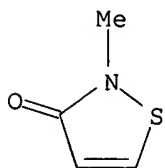
RN 886-50-0 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-(1,1-dimethylethyl)-N'-ethyl-6-(methylthio)-
 (9CI) (CA INDEX NAME)



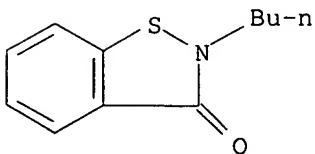
RN 2682-20-4 CAPLUS

CN 3(2H)-Isothiazolone, 2-methyl- (9CI) (CA INDEX NAME)



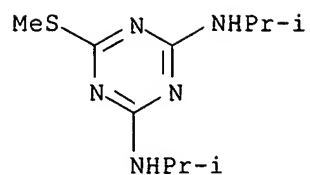
RN 4299-07-4 CAPLUS

CN 1,2-Benzisothiazol-3(2H)-one, 2-butyl- (9CI) (CA INDEX NAME)



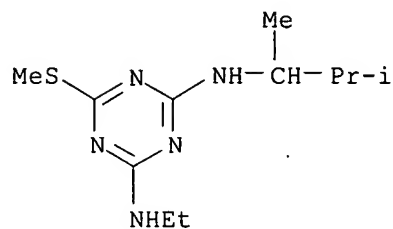
RN 7287-19-6 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N,N'-bis(1-methylethyl)-6-(methylthio)- (9CI)
 (CA INDEX NAME)



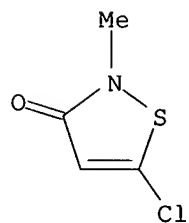
RN 22936-75-0 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-(1,2-dimethylpropyl)-N'-ethyl-6-(methylthio)-
(9CI) (CA INDEX NAME)



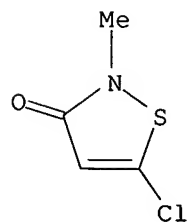
RN 26172-55-4 CAPLUS

CN 3(2H)-Isothiazolone, 5-chloro-2-methyl- (9CI) (CA INDEX NAME)



RN 26530-03-0 CAPLUS

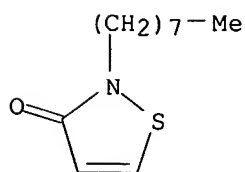
CN 3(2H)-Isothiazolone, 5-chloro-2-methyl-, hydrochloride (9CI) (CA INDEX
NAME)



● HCl

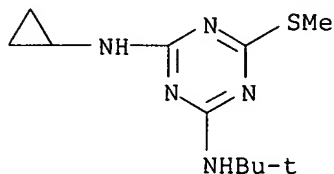
RN 26530-20-1 CAPLUS

CN 3(2H)-Isothiazolone, 2-octyl- (9CI) (CA INDEX NAME)



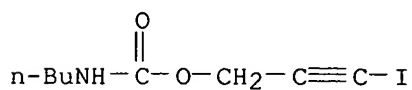
RN 28159-98-0 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)- (9CI) (CA INDEX NAME)



RN 55406-53-6 CAPLUS

CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



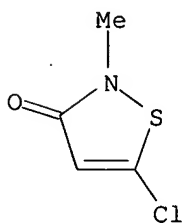
RN 55965-84-9 CAPLUS

CN 3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (9CI) (CA INDEX NAME)

CM 1

CRN 26172-55-4

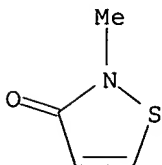
CMF C4 H4 Cl N O S



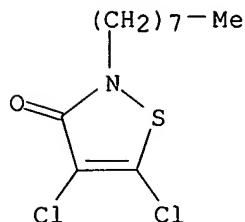
CM 2

CRN 2682-20-4

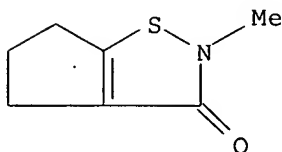
CMF C4 H5 N O S



RN 64359-81-5 CAPLUS
CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)



RN 82633-79-2 CAPLUS
CN 2H-Cyclopent[d]isothiazol-3(4H)-one, 5,6-dihydro-2-methyl- (9CI) (CA INDEX NAME)



L28 ANSWER 15 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2000:761907 CAPLUS
DOCUMENT NUMBER: 133:318523
TITLE: Industrial microbicides containing cyclodextrins as surfactants
INVENTOR(S): Kubota, Takao
PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000302601	A2	20001031	JP 2000-37825	20000216
PRIORITY APPLN. INFO.:			JP 1999-38645	A 19990217

AB Industrial microbicides, especially useful for water-based clear paints, contain

antimicrobial agents, cyclodextrins as surfactants, and aqueous solvents. The microbicides make no foam in preparation or in mixing with paints, and do not decrease transparency of the paints. Methyl- β -cyclodextrin was dissolved in diethylene glycol monomethyl ether, and the solution was further mixed with 2-octyl-4-isothiazolin-3-one and Irgarol 1051 (2-methylthio-4-tert-butylamino-6-cyclopropynylamino-s-triazine) to show no foaming.

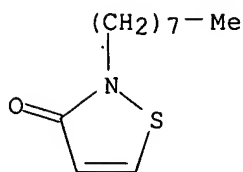
IT 26530-20-1, 2-Octyl-4-isothiazolin-3-one 28159-98-0,
Irgarol 1051 55406-53-6, 3-Iodo-2-propynylbutyl carbamate
64359-81-5, 4,5-Dichloro-2-octyl-4-isothiazolin-3-one

RL: BUU (Biological use, unclassified); TEM (Technical or engineered material use); BIOL (Biological study); USES (Uses)

(industrial microbicides, especially for water-based clear paints, containing cyclodextrins as surfactants)

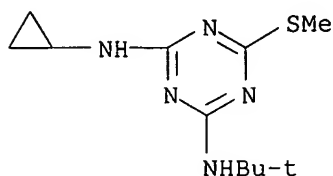
RN 26530-20-1 CAPLUS

CN 3(2H)-Isothiazolone, 2-octyl- (9CI) (CA INDEX NAME)



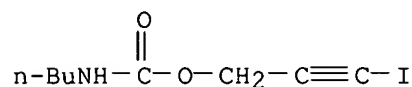
RN 28159-98-0 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)- (9CI) (CA INDEX NAME)



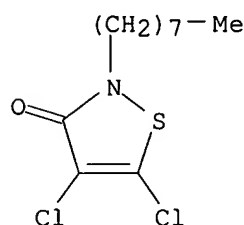
RN 55406-53-6 CAPLUS

CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



RN 64359-81-5 CAPLUS

CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)



L28 ANSWER 16 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2000:725406 CAPLUS

DOCUMENT NUMBER: 133:262648

TITLE: Microbicidal composition for coatings

INVENTOR(S): Lindner, Wolfgang

PATENT ASSIGNEE(S): Troy Chemie G.m.b.H., Germany

SOURCE: PCT Int. Appl., 36 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000059305	A1	20001012	WO 2000-EP2823	20000330
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR,				

CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,
 ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU,
 LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE,
 SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA,
 ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
 DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
 CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: DE 1999-19915055 A 19990401

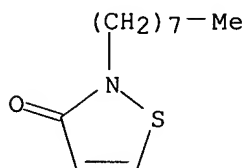
AB The invention relates to a microbicidal composition which comprises: (a) 2-methoxycarbonylaminobenzimidazole or thiabendazole; (b) octylisothiazolin-3-one or 3-iodopropynyloxy N-butylcarbamate; (c) 2-mercaptopyridine N-oxide zinc salt; and (d) an N-aryl-N',N'-dimethylurea derivative or a chlorine-free triazine derivative from the class of 2-methylmercaptodialkylamino-sym-triazines. The invention also relates to coatings containing the above compns, such as for roofs and walls.

IT 26530-20-1D, mixts. containing 55406-53-6D, mixts. containing 298197-38-3

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (microbicidal coating composition)

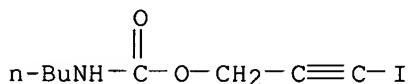
RN 26530-20-1 CAPLUS

CN 3(2H)-Isothiazolone, 2-octyl- (9CI) (CA INDEX NAME)



RN 55406-53-6 CAPLUS

CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



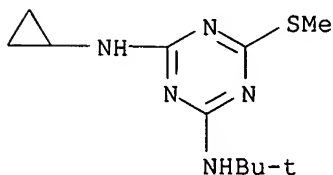
RN 298197-38-3 CAPLUS

CN Zinc, bis[1-(hydroxy-κO)-2(1H)-pyridinethionato-κS2]-, (T-4)-, mixt. with N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)-1,3,5-triazine-2,4-diamine, methyl 1H-benzimidazol-2-ylcarbamate and 2-octyl-3(2H)-isothiazolone (9CI) (CA INDEX NAME)

CM 1

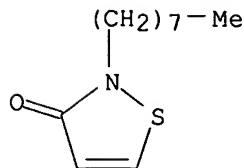
CRN 28159-98-0

CMF C11 H19 N5 S



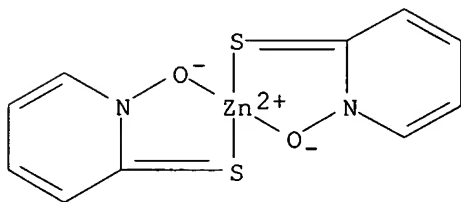
CM 2

CRN 26530-20-1
CMF C11 H19 N O S



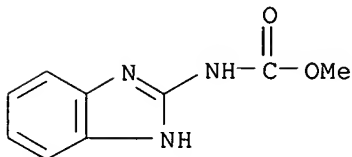
CM 3

CRN 13463-41-7
CMF C10 H8 N2 O2 S2 Zn
CCI CCS



CM 4

CRN 10605-21-7
CMF C9 H9 N3 O2



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L28 ANSWER 17 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1999:392945 CAPLUS

DOCUMENT NUMBER: 131:40955

TITLE: Controlled-release compositions containing agricultural pesticide, microbicide or antifouling agent incorporated into metal oxide glass

INVENTOR(S): Ghosh, Tirthankar; Nungesser, Edwin Hugh

PATENT ASSIGNEE(S): Rohm and Haas Company, USA

SOURCE: Eur. Pat. Appl., 18 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

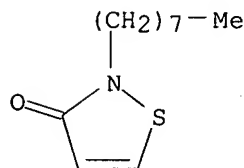
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 922386	A2	19990616	EP 1998-309692	19981125

EP 922386	A3	20000126		
EP 922386	B1	20040204		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
US 6090399	A	20000718	US 1998-189479	19981110
AU 9895159	A1	19990701	AU 1998-95159	19981201
AU 761076	B2	20030529		
SG 71879	A1	20000418	SG 1998-5360	19981208
BR 9805326	A	20000314	BR 1998-5326	19981209
JP 11263702	A2	19990928	JP 1998-352346	19981211
CN 1232610	A	19991027	CN 1998-123093	19981211
PRIORITY APPLN. INFO.:			US 1997-69243P	P 19971211

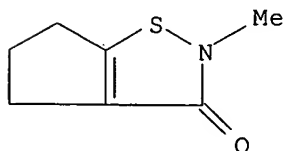
AB Disclosed are controlled-release compns. containing biol. active compds. incorporated into metal oxide glass having a porous matrix which is prepared by polymerizing one or more metal alkoxide monomers, optionally in the presence of a second metal alkoxide monomer. These compns. may be directly incorporated into the locus to be protected or may be applied to a structure in a coating. Thus, tetraethoxy orthosilicate and methyltriethoxy orthosilicate (mole ratio 4:1), 4,5-dichloro-2-n-octyl-3-isothiazolone (5% by weight of the final product), and water (mole ratio of alkoxide monomers to water 1:2) were combined in a flask and homogenized by adding methanol or ethanol while stirring; then, 8-10 g of 0.01N HCl per mol of metal alkoxide monomer was added to the reaction mixture, which was allowed to polymerize at room temperature for 3-60 days to give a solid organometallic oxide glass containing the biol. active compound. The cumulative percentages of 4,5-dichloro-2-n-octyl-3-isothiazolone released were 5, 30, 41, 50 and 64% by weight in 0, 0.5, 2, 31, and 144 h.

IT 26530-20-1, 2-n-Octyl-3-isothiazolone 82633-79-2
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (controlled-release compns. containing agricultural pesticide, microbicide or antifouling agent incorporated into metal oxide glass)

RN 26530-20-1 CAPLUS
 CN 3(2H)-Isothiazolone, 2-octyl- (9CI) (CA INDEX NAME)

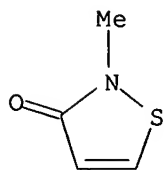


RN 82633-79-2 CAPLUS
 CN 2H-Cyclopent[d]isothiazol-3(4H)-one, 5,6-dihydro-2-methyl- (9CI) (CA INDEX NAME)

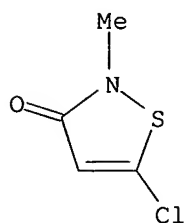


IT 2682-20-4, 2-Methyl-3-isothiazolone 26172-55-4
 28159-98-0, 2-(Methylthio)-4-tert-butylamino-6-(cyclopropylamino)-s-triazine 55406-53-6, 3-Iodo-2-propynyl butyl carbamate
 64359-81-5, 4,5-Dichloro-2-n-octyl-3-isothiazolone
 RL: BUU (Biological use, unclassified); PEP (Physical, engineering or chemical process); BIOL (Biological study); PROC (Process); USES (Uses)
 (controlled-release compns. containing agricultural pesticide, microbicide or antifouling agent incorporated into metal oxide glass)

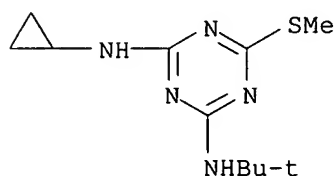
RN 2682-20-4 CAPLUS
 CN 3(2H)-Isothiazolone, 2-methyl- (9CI) (CA INDEX NAME)



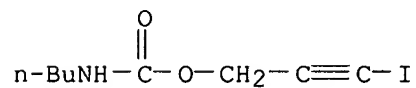
RN 26172-55-4 CAPLUS
 CN 3(2H)-Isothiazolone, 5-chloro-2-methyl- (9CI) (CA INDEX NAME)



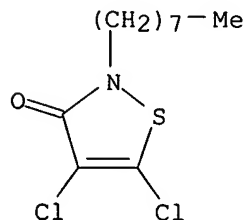
RN 28159-98-0 CAPLUS
 CN 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)- (9CI) (CA INDEX NAME)



RN 55406-53-6 CAPLUS
 CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)

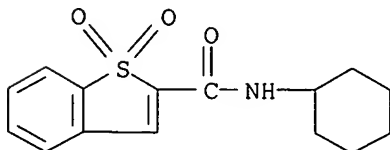


RN 64359-81-5 CAPLUS
 CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)

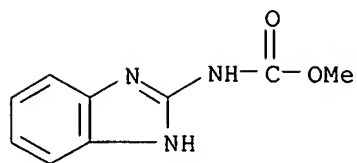


DOCUMENT NUMBER: 130:233632
 TITLE: Mixtures of benzothiophene derivative as synergistic fungicides and algicides
 INVENTOR(S): Wachtler, Peter; Kugler, Martin; Kunisch, Franz
 PATENT ASSIGNEE(S): Bayer A.-G., Germany
 SOURCE: Ger. Offen., 8 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19741403	A1	19990325	DE 1997-19741403	19970919
WO 9915015	A1	19990401	WO 1998-EP5735	19980909
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9895386	A1	19990412	AU 1998-95386	19980909
PRIORITY APPLN. INFO.: DE 1997-19741403 A 19970919 WO 1998-EP5735 W 19980909				
AB The title binary or ternary mixts. comprise benzothiophene-2-(N-cyclohexyl)carboxamide S,S-dioxide and any of a large number of compds. such as terbutryne, isoproturon, diuron, etc.				
IT 221299-55-4 221299-56-5 221299-60-1 221299-61-2 221299-64-5 221299-65-6 221299-66-7 221299-67-8 221299-68-9 221299-69-0 221299-70-3 221299-71-4 221299-73-6 221299-74-7 221299-75-8 221299-76-9 221299-77-0 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (synergistic fungicide and algicide)				
RN 221299-55-4 CAPLUS CN Carbamic acid, 1H-benzimidazol-2-yl-, methyl ester, mixt. with N-cyclohexylbenzo[b]thiophene-2-carboxamide 1,1-dioxide and N-(1,1-dimethylethyl)-N'-ethyl-6-(methylthio)-1,3,5-triazine-2,4-diamine (9CI) (CA INDEX NAME)				
CM 1				
CRN 149118-66-1 CMF C15 H17 N O3 S				



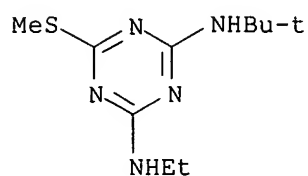
CM 2
 CRN 10605-21-7
 CMF C9 H9 N3 O2



CM 3

CRN 886-50-0

CMF C10 H19 N5 S



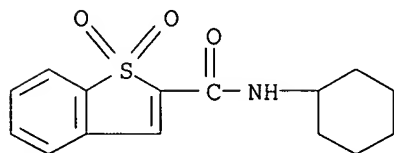
RN 221299-56-5 CAPLUS

CN Carbamic acid, 1H-benzimidazol-2-yl-, methyl ester, mixt. with
N-cyclohexylbenzo[b]thiophene-2-carboxamide 1,1-dioxide and
N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)-1,3,5-triazine-2,4-
diamine (9CI) (CA INDEX NAME)

CM 1

CRN 149118-66-1

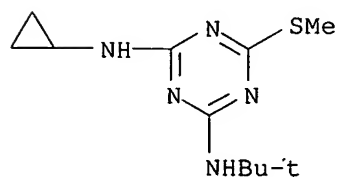
CMF C15 H17 N O3 S



CM 2

CRN 28159-98-0

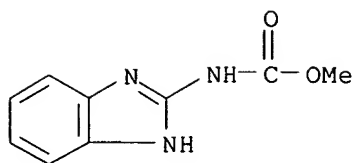
CMF C11 H19 N5 S



CM 3

CRN 10605-21-7

CMF C9 H9 N3 O2



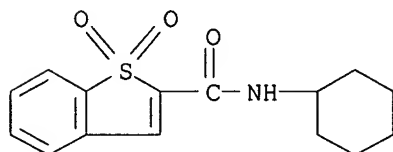
RN 221299-60-1 CAPLUS

CN Benzo[b]thiophene-2-carboxamide, N-cyclohexyl-, 1,1-dioxide, mixt. with N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)-1,3,5-triazine-2,4-diamine (9CI) (CA INDEX NAME)

CM 1

CRN 149118-66-1

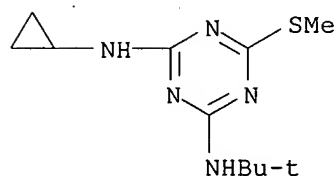
CMF C15 H17 N O3 S



CM 2

CRN 28159-98-0

CMF C11 H19 N5 S



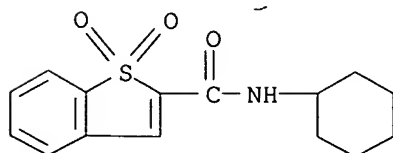
RN 221299-61-2 CAPLUS

CN Benzo[b]thiophene-2-carboxamide, N-cyclohexyl-, 1,1-dioxide, mixt. with N-(1,1-dimethylethyl)-N'-ethyl-6-(methylthio)-1,3,5-triazine-2,4-diamine (9CI) (CA INDEX NAME)

CM 1

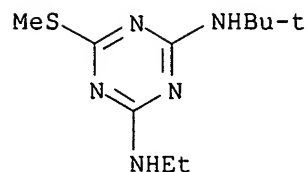
CRN 149118-66-1

CMF C15 H17 N O3 S



CM 2

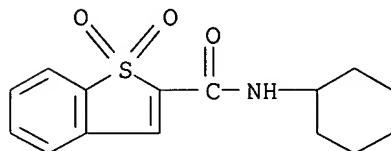
CRN 886-50-0
CMF C10 H19 N5 S



RN 221299-64-5 CAPLUS
CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester, mixt. with
N-cyclohexylbenzo[b]thiophene-2-carboxamide 1,1-dioxide (9CI) (CA INDEX
NAME)

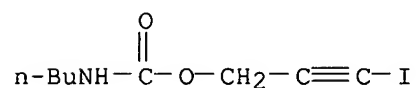
CM 1

CRN 149118-66-1
CMF C15 H17 N O3 S



CM 2

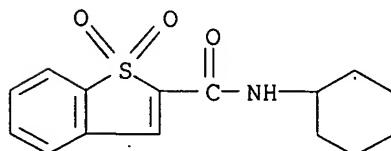
CRN 55406-53-6
CMF C8 H12 I N O2



RN 221299-65-6 CAPLUS
CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester, mixt. with
N-cyclohexylbenzo[b]thiophene-2-carboxamide 1,1-dioxide and
N'-(3,4-dichlorophenyl)-N,N-dimethylurea (9CI) (CA INDEX NAME)

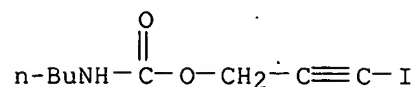
CM 1

CRN 149118-66-1
CMF C15 H17 N O3 S



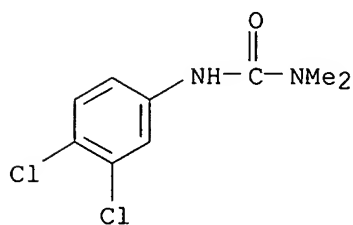
CM 2

CRN 55406-53-6
CMF C8 H12 I N O2



CM 3

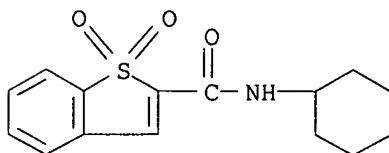
CRN 330-54-1
CMF C9 H10 Cl2 N2 O



RN 221299-66-7 CAPLUS
CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester, mixt. with
N-cyclohexylbenzo[b]thiophene-2-carboxamide 1,1-dioxide and
N-(1,1-dimethylethyl)-N'-ethyl-6-(methylthio)-1,3,5-triazine-2,4-diamine
(9CI) (CA INDEX NAME)

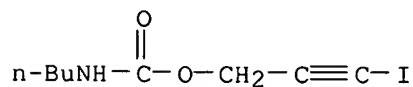
CM 1

CRN 149118-66-1
CMF C15 H17 N O3 S



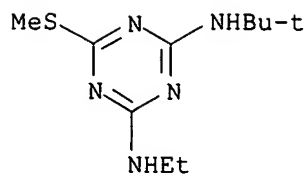
CM 2

CRN 55406-53-6
CMF C8 H12 I N O2



CM 3

CRN 886-50-0
CMF C10 H19 N5 S



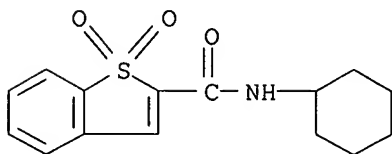
RN 221299-67-8 CAPLUS

CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester, mixt. with
N-cyclohexylbenzo[b]thiophene-2-carboxamide 1,1-dioxide and
N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)-1,3,5-triazine-2,4-
diamine (9CI) (CA INDEX NAME)

CM 1

CRN 149118-66-1

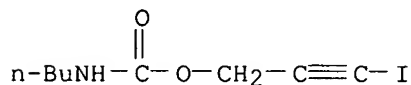
CMF C15 H17 N O3 S



CM 2

CRN 55406-53-6

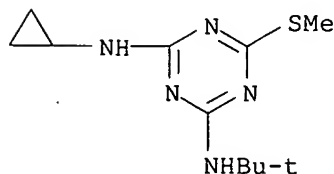
CMF C8 H12 I N O2



CM 3

CRN 28159-98-0

CMF C11 H19 N5 S



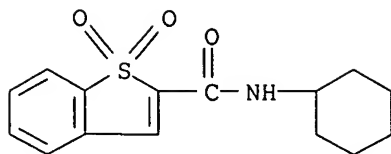
RN 221299-68-9 CAPLUS

CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester, mixt. with
N-2-benzothiazolyl-N,N'-dimethylurea and N-cyclohexylbenzo[b]thiophene-2-
carboxamide 1,1-dioxide (9CI) (CA INDEX NAME)

CM 1

CRN 149118-66-1

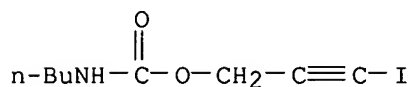
CMF C15 H17 N O3 S



CM 2

CRN 55406-53-6

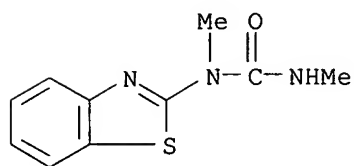
CMF C8 H12 I N O2



CM 3

CRN 18691-97-9

CMF C10 H11 N3 O S



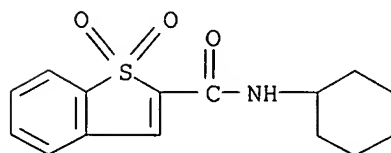
RN 221299-69-0 CAPLUS

CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester, mixt. with
N-cyclohexylbenzo[b]thiophene-2-carboxamide 1,1-dioxide and
N,N-dimethyl-N'-[4-(1-methylethyl)phenyl]urea (9CI) (CA INDEX NAME)

CM 1

CRN 149118-66-1

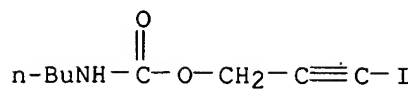
CMF C15 H17 N O3 S



CM 2

CRN 55406-53-6

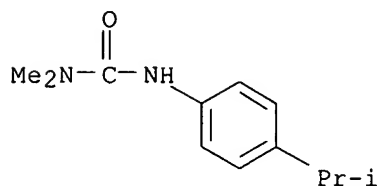
CMF C8 H12 I N O2



CM 3

CRN 34123-59-6

CMF C12 H18 N2 O



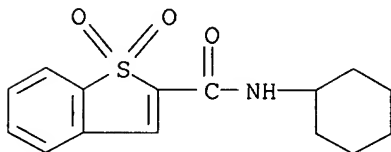
RN 221299-70-3 CAPLUS

CN Benzo[b]thiophene-2-carboxamide, N-cyclohexyl-, 1,1-dioxide, mixt. with 2-octyl-3(2H)-isothiazolone (9CI) (CA INDEX NAME)

CM 1

CRN 149118-66-1

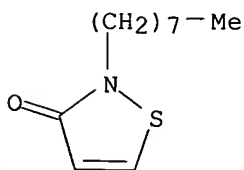
CMF C15 H17 N O3 S



CM 2

CRN 26530-20-1

CMF C11 H19 N O S



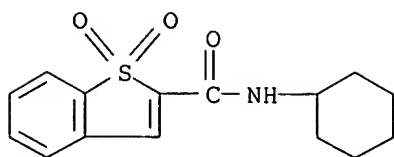
RN 221299-71-4 CAPLUS

CN Benzo[b]thiophene-2-carboxamide, N-cyclohexyl-, 1,1-dioxide, mixt. with N'-(3,4-dichlorophenyl)-N,N-dimethylurea and 2-octyl-3(2H)-isothiazolone (9CI) (CA INDEX NAME)

CM 1

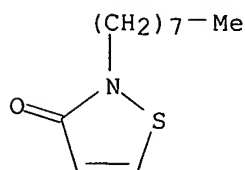
CRN 149118-66-1

CMF C15 H17 N O3 S



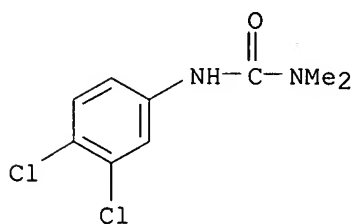
CM 2

CRN 26530-20-1
CMF C11 H19 N O S



CM 3

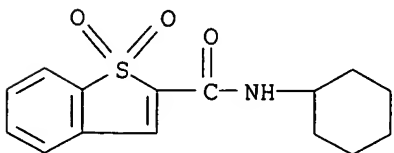
CRN 330-54-1
CMF C9 H10 C12 N2 O



RN 221299-73-6 CAPLUS
CN Benzo[b]thiophene-2-carboxamide, N-cyclohexyl-, 1,1-dioxide, mixt. with
N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)-1,3,5-triazine-2,4-
diamine and 2-octyl-3(2H)-isothiazolone (9CI) (CA INDEX NAME)

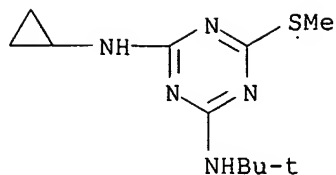
CM 1

CRN 149118-66-1
CMF C15 H17 N O3 S



CM 2

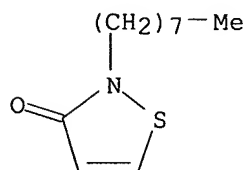
CRN 28159-98-0
CMF C11 H19 N5 S



CM 3

CRN 26530-20-1

CMF C11 H19 N O S



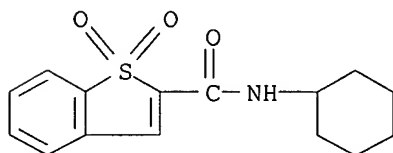
RN 221299-74-7 CAPLUS

CN Benzo[b]thiophene-2-carboxamide, N-cyclohexyl-, 1,1-dioxide, mixt. with 4,5-dichloro-2-octyl-3(2H)-isothiazolone (9CI) (CA INDEX NAME)

CM 1

CRN 149118-66-1

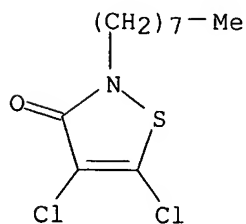
CMF C15 H17 N O3 S



CM 2

CRN 64359-81-5

CMF C11 H17 Cl2 N O S



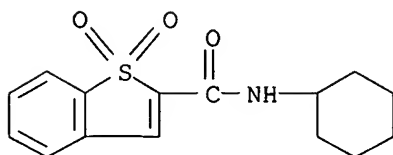
RN 221299-75-8 CAPLUS

CN Benzo[b]thiophene-2-carboxamide, N-cyclohexyl-, 1,1-dioxide, mixt. with 4,5-dichloro-2-octyl-3(2H)-isothiazolone and N'-(3,4-dichlorophenyl)-N,N-dimethylurea (9CI) (CA INDEX NAME)

CM 1

CRN 149118-66-1

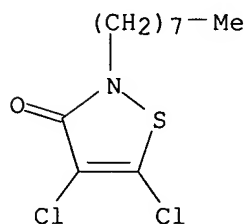
CMF C15 H17 N O3 S



CM 2

CRN 64359-81-5

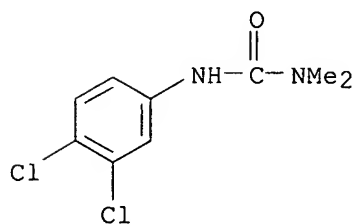
CMF C11 H17 Cl2 N O S



CM 3

CRN 330-54-1

CMF C9 H10 Cl2 N2 O



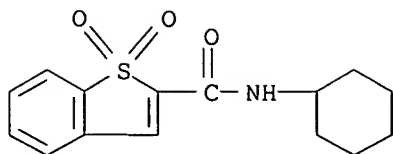
RN 221299-76-9 CAPLUS

CN Benzo[b]thiophene-2-carboxamide, N-cyclohexyl-, 1,1-dioxide, mixt. with N'-(3,4-dichlorophenyl)-N,N-dimethylurea and N-(1,1-dimethylethyl)-N'-ethyl-6-(methylthio)-1,3,5-triazine-2,4-diamine (9CI) (CA INDEX NAME)

CM 1

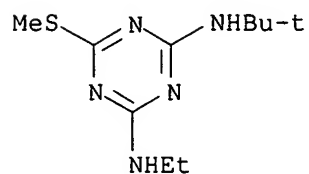
CRN 149118-66-1

CMF C15 H17 N O3 S



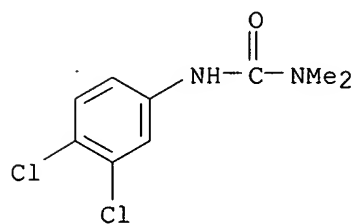
CM 2

CRN 886-50-0
CMF C10 H19 N5 S



CM 3

CRN 330-54-1
CMF C9 H10 Cl2 N2 O

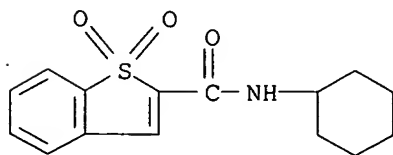


RN 221299-77-0 CAPLUS

CN Benzo[b]thiophene-2-carboxamide, N-cyclohexyl-, 1,1-dioxide, mixt. with N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)-1,3,5-triazine-2,4-diamine and N-(1,1-dimethylethyl)-N'-ethyl-6-(methylthio)-1,3,5-triazine-2,4-diamine (9CI) (CA INDEX NAME)

CM 1

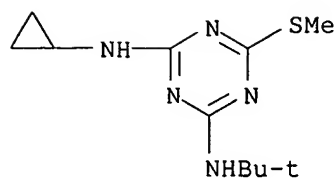
CRN 149118-66-1
CMF C15 H17 N O3 S



CM 2

CRN 28159-98-0

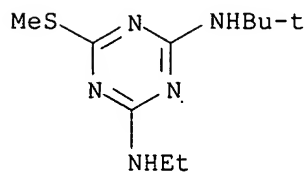
CMF C11 H19 N5 S



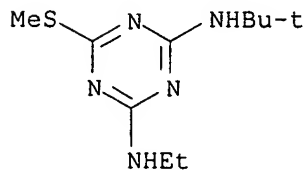
CM 3

CRN 886-50-0

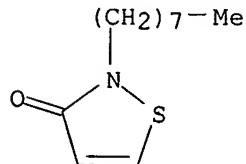
CMF C10 H19 N5 S



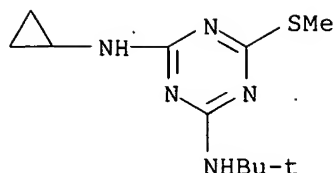
IT 886-50-0D, Terbutryn, mixts. containing benzothiofene derivative and
26530-20-1D, mixts. containing benzothiofene derivative and
28159-98-0D, Irgarol 1071, mixts. containing benzothiofene derivative and
55406-53-6D, IPBC, mixts. containing benzothiofene derivative and
64359-81-5D, mixts. containing benzothiofene derivative and
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(synergistic fungicides and algicides)
RN 886-50-0 CAPLUS
CN 1,3,5-Triazine-2,4-diamine, N-(1,1-dimethylethyl)-N'-ethyl-6-(methylthio)-
(9CI) (CA INDEX NAME)



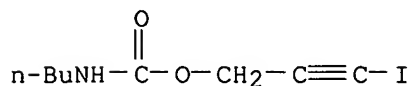
RN 26530-20-1 CAPLUS
CN 3(2H)-Isothiazolone, 2-octyl- (9CI) (CA INDEX NAME)



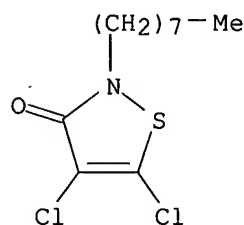
RN 28159-98-0 CAPLUS
CN 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)- (9CI) (CA INDEX NAME)



RN 55406-53-6 CAPLUS
 CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



RN 64359-81-5 CAPLUS
 CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)



L28 ANSWER 19 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1999:21532 CAPLUS
 DOCUMENT NUMBER: 130:82915
 TITLE: Diphenyldiones as marine antifouling agents
 INVENTOR(S): Willingham, Gary Lewis; Oltman, Linda Marguerite
 PATENT ASSIGNEE(S): Rohm and Haas Company, USA
 SOURCE: U.S., 5 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5853463	A	19981229	US 1998-108767	19980701
PRIORITY APPLN. INFO.:			US 1998-108767	19980701
OTHER SOURCE(S):	MARPAT 130:82915			

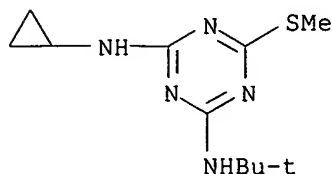
AB Method of inhibiting the growth of marine organisms on a marine structure, by applying onto or into the marine structure with diphenyldiones RC6H4COCOC6H4R1 (R< R1 = H, C1-20 alkyl and halo C1-20 alkyl). These diphenyldiones may be used in conjunction with other antifouling agents and have little or no harmful effects on marine environments. These compds. may be directly incorporated into the marine structure during manufacture, directly applied to the structure, or applied to the structure by means of a coating.

IT 28159-98-0, 2-Methylthio-4-tert-butylamino-6-cyclopropylamino-s-triazine 55406-53-6, 3-Iodo-2-propynylbutyl carbamate 64359-81-5, 4,5-Dichloro-2-n-octyl-3-isothiazolone
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (marine antifouling agent compns. containing; diphenyldiones as marine

antifouling agents having little or no harmful effects on marine environments.)

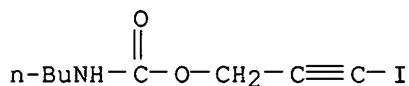
RN 28159-98-0 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)- (9CI) (CA INDEX NAME)



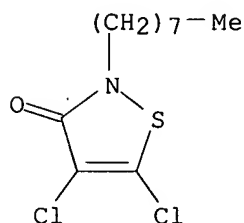
RN 55406-53-6 CAPLUS

CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



RN 64359-81-5 CAPLUS

CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L28 ANSWER 20 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1998:543098 CAPLUS

DOCUMENT NUMBER: 129:176163

TITLE: Triphenylboron-containing polymers and their use as marine antifouling agents

INVENTOR(S): Shimada, Akira; Kohara, Masanori; Shibuya, Yoshifumi

PATENT ASSIGNEE(S): Yoshitomi Fine Chemicals, Ltd., Japan

SOURCE: PCT Int. Appl., 45 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	---	-----	-----	-----
WO 9833829	A1	19980806	WO 1998-JP375	19980128
W: CN, JP, KR,	NO, SG, US			
RW: AT, BE, CH,	DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE			
JP 2002161115	A2	20020604	JP 1997-259897	19970925
PRIORITY APPLN. INFO.:			JP 1997-16694	A 19970130
			JP 1997-259897	A 19970925

OTHER SOURCE(S): MARPAT 129:176163

AB Title polymers have repeating units of CR2R3CR1CH2NH2BPh3 or CH2CHNH2BPh3

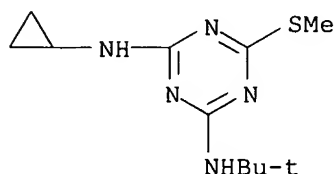
(R1, R2, R3 = H or C1-4 alkyl) and weight-average mol. weight of 1,000-1,000,000, and are useful as antifouling agents for aquatic foulings. The polymers function not only as the active ingredients but as binders, and have less influence on the environment. Thus, an antifouling agent composition comprising poly(allylamine)-triphenylboron complex (preparation given) 5, acrylic resin 30, and xylene 65% was applied on Tetron (polyester) fish net, which was kept in seawater for 4 mo giving no biofouling.

IT 28159-98-0, 2-(tert-Butylamino)-4-(cyclopropylamino)-6-(methylthio)-1,3,5-triazine 55406-53-6, 3-Iodo-2-propynyl butylcarbamate 64359-81-5, 4,5-Dichloro-2-n-octyl-3-isothiazolone
 RL: BUU (Biological use, unclassified); MOA (Modifier or additive use); BIOL (Biological study); USES (Uses)

(addnl. antifouling agent; preparation of triphenylboron-containing polymers for marine antifouling agents)

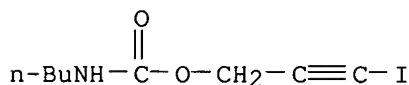
RN 28159-98-0 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)- (9CI) (CA INDEX NAME)



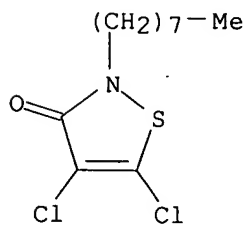
RN 55406-53-6 CAPLUS

CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



RN 64359-81-5 CAPLUS

CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L28 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1998:293316 CAPLUS
 DOCUMENT NUMBER: 129:1699
 TITLE: Pesticide and microbicide microemulsions
 INVENTOR(S): Nowak, Milton
 PATENT ASSIGNEE(S): Troy Corp., USA
 SOURCE: PCT Int. Appl., 26 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent

LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9818321	A1	19980507	WO 1997-US19204	19971029
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 5827522	A	19981027	US 1996-741038	19961030
AU 9850865	A1	19980522	AU 1998-50865	19971029
AU 736800	B2	20010802		
BR 9712397	A	19990831	BR 1997-12397	19971029
EP 957684	A1	19991124	EP 1997-913750	19971029
EP 957684	B1	20040317		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
NZ 335584	A	20010525	NZ 1997-335584	19971029
AT 261656	E	20040415	AT 1997-913750	19971029
PT 957684	T	20040630	PT 1997-913750	19971029
CA 2269823	C	20040803	CA 1997-2269823	19971029
CA 2269823	AA	19980507		
ES 2213821	T3	20040901	ES 1997-913750	19971029
NO 9902068	A	19990629	NO 1999-2068	19990429
KR 2000052895	A	20000825	KR 1999-703759	19990429
PRIORITY APPLN. INFO.:			US 1996-741038	A 19961030
			WO 1997-US19204	W 19971029

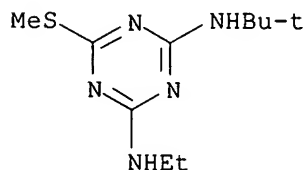
AB A water-miscible composition consisting of a solvating surfactant, selected from alkoxyated castor oil, alkoxyated hydrogenated castor oil and an alkoxyated rosin, and a pesticide dissolved in the solvating surfactant, is useful to prepare aqueous microemulsions, micellar solns. or mol. solns. upon mixing with water.

IT 886-50-0, Terbutryn 207395-20-8

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (microemulsion of)

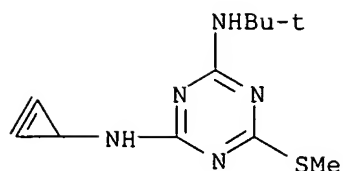
RN 886-50-0 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-(1,1-dimethylethyl)-N'-ethyl-6-(methylthio)-(9CI) (CA INDEX NAME)

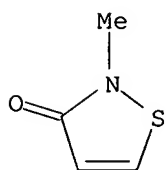


RN 207395-20-8 CAPLUS

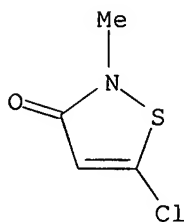
CN 1,3,5-Triazine-2,4-diamine, N-2-cyclopropyn-1-yl-N'-(1,1-dimethylethyl)-6-(methylthio)-(9CI) (CA INDEX NAME)



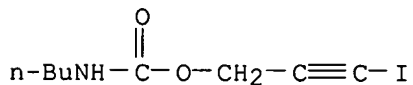
IT 2682-20-4, 2-Methyl-4-isothiazolin-3-one 26172-55-4,
 5-Chloro-2-methyl-4-isothiazolin-3-one 55406-53-6, IPBC
 55406-54-7, Carbamic acid, cyclohexyl, 3-iodo-2-propynyl ester
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)
 (microemulsion of)
 RN 2682-20-4 CAPLUS
 CN 3(2H)-Isothiazolone, 2-methyl- (9CI) (CA INDEX NAME)



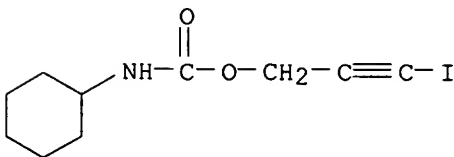
RN 26172-55-4 CAPLUS
 CN 3(2H)-Isothiazolone, 5-chloro-2-methyl- (9CI) (CA INDEX NAME)



RN 55406-53-6 CAPLUS
 CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



RN 55406-54-7 CAPLUS
 CN Carbamic acid, cyclohexyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



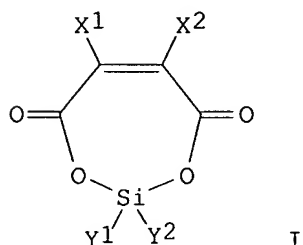
REFERENCE COUNT:

9

THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L28 ANSWER 22 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1993:562559 CAPLUS
 DOCUMENT NUMBER: 119:162559
 TITLE: Antifouling coating compositions
 INVENTOR(S): Masuoka, Shigeru; Ito, Masayasu; Pponda, Yoshihiro
 PATENT ASSIGNEE(S): Nippon Oils & Fats Co Ltd, Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 17 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 05112739	A2	19930507	JP 1991-299887	19911018
PRIORITY APPLN. INFO.: GI			JP 1991-299887	19911018

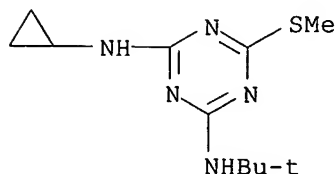


AB Title compns. contain I (co)polymers and/or I-vinyl monomer copolymers and stain-preventing agents [X1-2 = H, Me; Y1-2 = normal alkyl, branched alkyl, cyclic alkyl, alkoxy, (un)substituted Ph, (un)substituted PhO]. Thus, 60 parts I (X1-2 = H, Y1-2 = C4H9) and 40 parts vinyl acetate were polymerized to give a polymer solution, 24 parts of which was mixed with 30 parts Cu2O and 10 parts phenyl(bispyridine)bismuth dichloride to give a composition with good antifouling property.

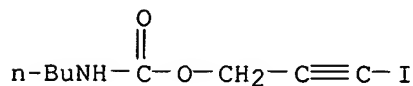
IT 28159-98-0 55406-53-6, 3-Iodo-2-propynylbutylcarbamate
 64359-81-5
 RL: USES (Uses)
 (antifouling agents, diorganosilyl-having polymer coatings containing)

RN 28159-98-0 CAPLUS

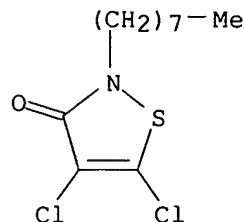
CN 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)- (9CI) (CA INDEX NAME)



RN 55406-53-6 CAPLUS
 CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



RN 64359-81-5 CAPLUS
CN 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl- (9CI) (CA INDEX NAME)



L28 ANSWER 23 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1992:475787 CAPLUS

DOCUMENT NUMBER: 117:75787

TITLE: Pesticide chemicals manufacturing category effluent limitations guidelines, pretreatment standards, and new source performance standards

CORPORATE SOURCE: United States Environmental Protection Agency, Washington, DC, 20460, USA

SOURCE: Federal Register (1992), 57(70), 12560-601, 10 Apr 1992

CODEN: FEREAC; ISSN: 0097-6326

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Effluent limits, pretreatment stds. and performance stds. for new and existing facilities that manufacture pesticide active ingredients are proposed, under the Federal Clean Water Act. The manufacturers are categorized as those who make metalloorg. pesticide chems. (containing As, Cd, Cu, or Hg) and those who make organic pesticide chems. (including organotin compds.). Tables are given for active ingredient (94) limitations (daily maximum and monthly average) under best available technol. economically achievable and pretreatment stds. for existing sources, new source performance stds. and pretreatment stds. for new sources, and anal. methods (for 94 compds.). Addnl., effluent limitations (daily maximum and monthly average) for priority pollutants are proposed.

IT 834-12-8P, Ametryn 886-50-0P, Terbutryn

7287-19-6P, Prometryn 22936-75-0P, Belclene 310

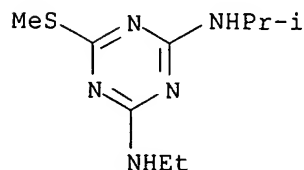
26530-20-1P, Othilone 55406-53-6P

RL: MSC (Miscellaneous); PREP (Preparation)

(wastewater composition and treatment in manufacture of, stds. for)

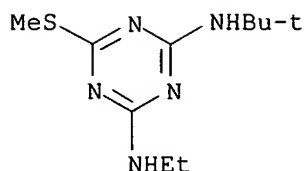
RN 834-12-8 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-ethyl-N'-(1-methylethyl)-6-(methylthio)- (9CI) (CA INDEX NAME)

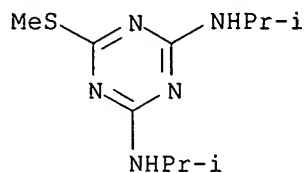


RN 886-50-0 CAPLUS

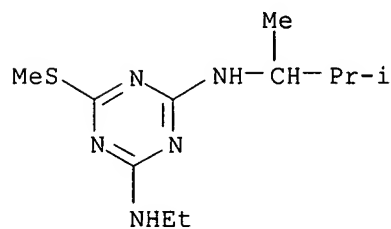
CN 1,3,5-Triazine-2,4-diamine, N-(1,1-dimethylethyl)-N'-ethyl-6-(methylthio)- (9CI) (CA INDEX NAME)



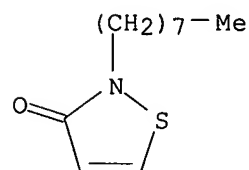
RN 7287-19-6 CAPLUS
 CN 1,3,5-Triazine-2,4-diamine, N,N'-bis(1-methylethyl)-6-(methylthio)- (9CI)
 (CA INDEX NAME)



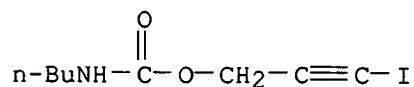
RN 22936-75-0 CAPLUS
 CN 1,3,5-Triazine-2,4-diamine, N-(1,2-dimethylpropyl)-N'-ethyl-6-(methylthio)-
 (9CI) (CA INDEX NAME)



RN 26530-20-1 CAPLUS
 CN 3(2H)-Isothiazolone, 2-octyl- (9CI) (CA INDEX NAME)



RN 55406-53-6 CAPLUS
 CN Carbamic acid, butyl-, 3-iodo-2-propynyl ester (9CI) (CA INDEX NAME)



=> d 129 1-47 ibib abs total hitstr

L29 ANSWER 1 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2005:471844 CAPLUS
 DOCUMENT NUMBER: 143:28318